Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120222\
Data File : BN023046.D
Acq On : 02 Dec 2022 12:40
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 05 00:33:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 02:30:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.049	152	5439	0.400	ng		0.00
7) Naphthalene-d8	10.872	136	14933	0.400	ng	#	0.00
13) Acenaphthene-d10	14.688	164	8163	0.400	ng		0.00
19) Phenanthrene-d10	17.439	188	16656	0.400	ng	#	0.00
29) Chrysene-d12	21.616	240	10159	0.400	ng	#	0.00
35) Perylene-d12	24.097	264	7014	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.587	112	4827	0.342	ng		0.00
5) Phenol-d6	7.197	99	6236	0.346	ng		0.00
8) Nitrobenzene-d5	9.217	82	4573	0.394	ng		0.00
11) 2-Methylnaphthalene-d10	12.454	152	11647	0.360	ng		0.00
14) 2,4,6-Tribromophenol	16.173	330	1290	0.327	ng		-0.01
15) 2-Fluorobiphenyl	13.319	172	15245	0.408	ng		0.00
27) Fluoranthene-d10	19.464	212	18105	0.400	ng		0.00
31) Terphenyl-d14	20.058	244	9730	0.408	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.442	88	2603	0.377	ng		98
3) n-Nitrosodimethylamine	3.767	42	2548	0.342	ng	#	89
6) bis(2-Chloroethyl)ether	7.464	93	6867	0.406	ng		99
9) Naphthalene	10.914	128	18018	0.392	ng		100
10) Hexachlorobutadiene	11.213	225	3807	0.403	ng	#	100
12) 2-Methylnaphthalene	12.140	142	2985	0.318	ng	#	97
16) Acenaphthylene	14.410	152	14714	0.340	ng		99
17) Acenaphthene	14.752	154	11160	0.392	ng		99
18) Fluorene	15.726	166	13716	0.377	ng		100
20) 4,6-Dinitro-2-methylph...	15.801	198	797	0.428	ng	#	70
21) 4-Bromophenyl-phenylether	16.620	248	4449	0.370	ng		95
22) Hexachlorobenzene	16.744	284	5937	0.405	ng		96
23) Atrazine	16.893	200	2661	0.314	ng	#	87
24) Pentachlorophenol	17.079	266	1469	0.366	ng		99
25) Phenanthrene	17.476	178	22524	0.389	ng		99
26) Anthracene	17.563	178	17168	0.342	ng		100
28) Fluoranthene	19.490	202	22164	0.360	ng		99
30) Pyrene	19.856	202	21160	0.400	ng		100
32) Benzo(a)anthracene	21.598	228	14282	0.348	ng		99
33) Chrysene	21.652	228	17304	0.406	ng		99
34) Bis(2-ethylhexyl)phtha...	21.527	149	6626	0.402	ng		98
36) Indeno(1,2,3-cd)pyrene	26.693	276	13618	0.468	ng		98
37) Benzo(b)fluoranthene	23.337	252	13465	0.430	ng	#	95
38) Benzo(k)fluoranthene	23.390	252	13135	0.387	ng	#	95
39) Benzo(a)pyrene	23.986	252	9626	0.403	ng	#	89
40) Dibenzo(a,h)anthracene	26.714	278	10709	0.463	ng		98
41) Benzo(g,h,i)perylene	27.488	276	11288	0.453	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120222\
Data File : BN023046.D
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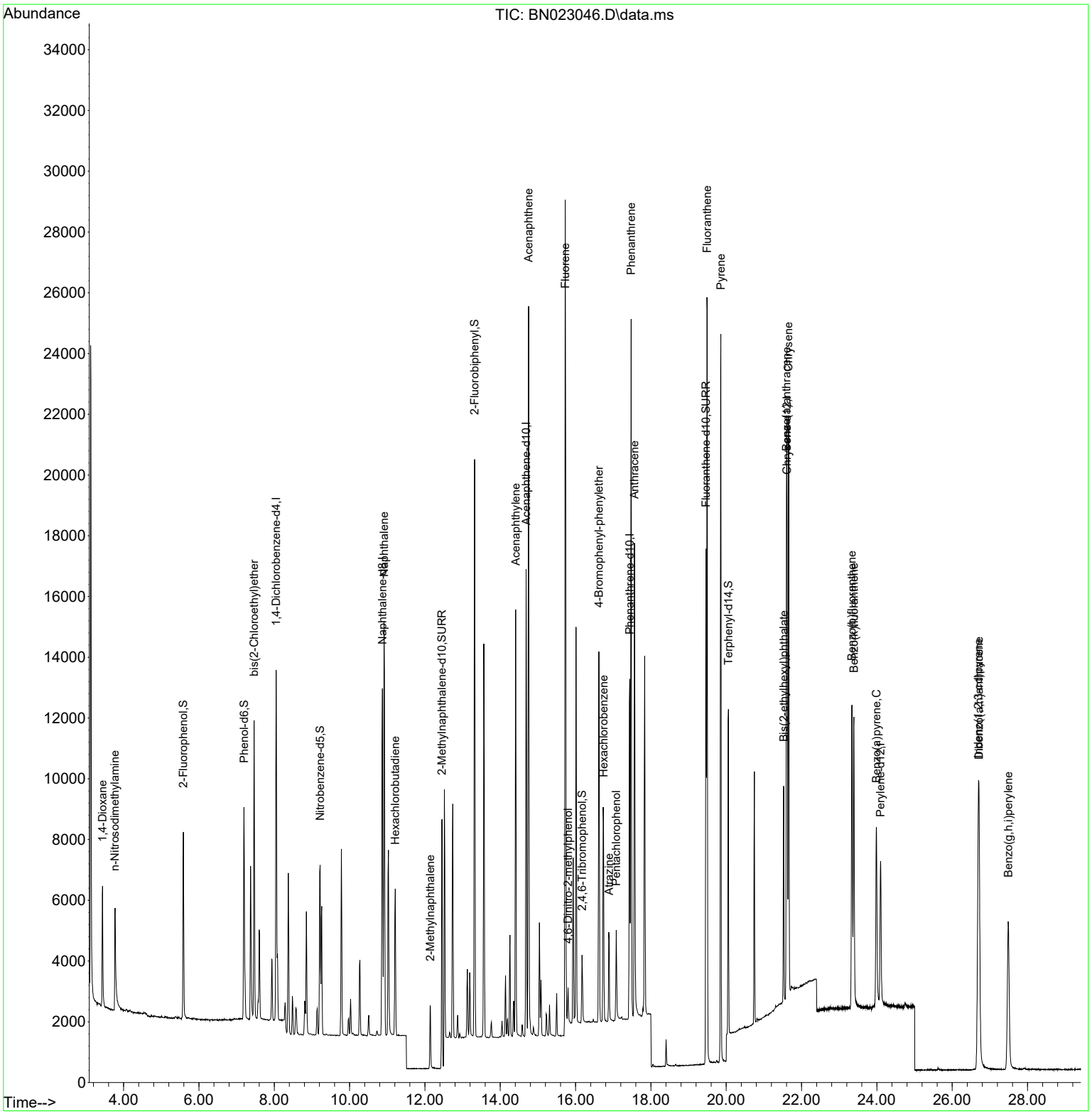
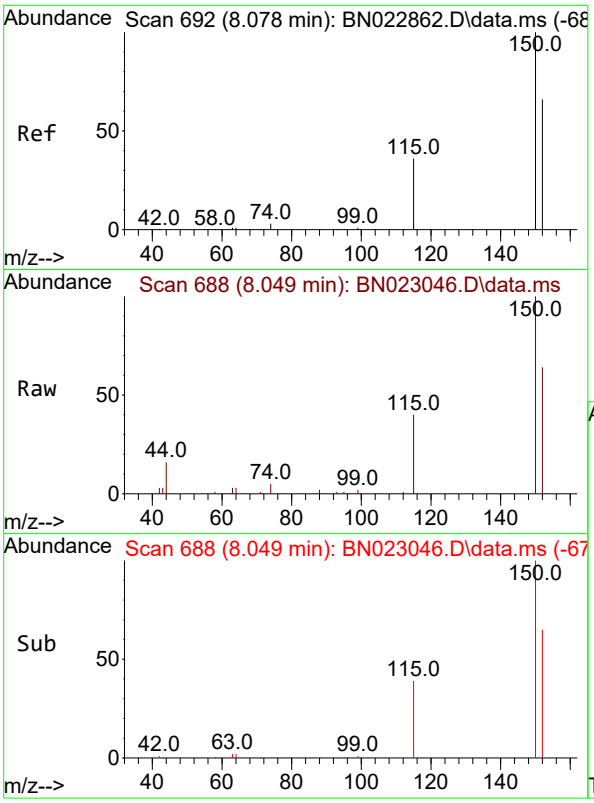
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 05 00:33:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 02:30:10 2022
Response via : Initial Calibration



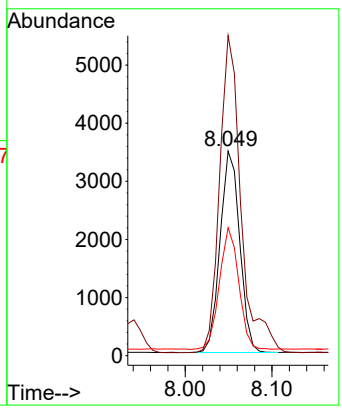


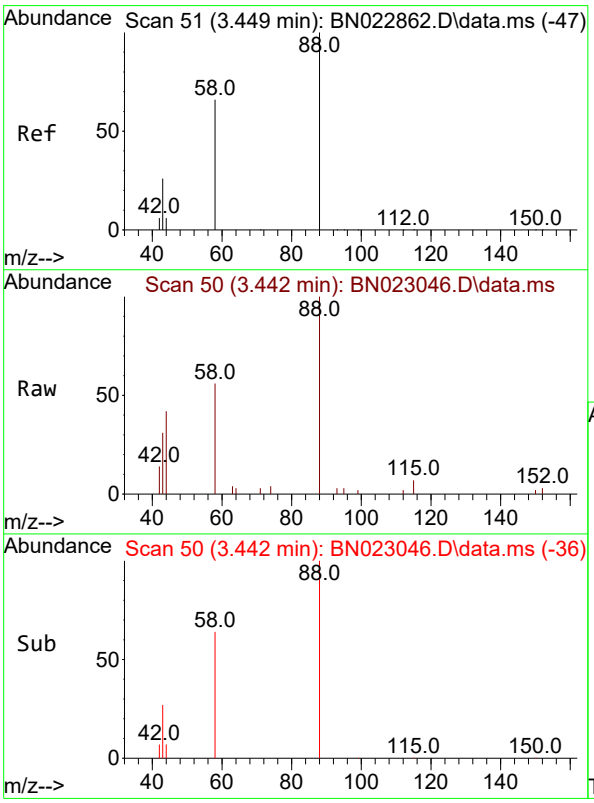
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.049 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 5439

Ion	Ratio	Lower	Upper
152	100		
150	156.5	121.2	181.8
115	62.6	46.2	69.4

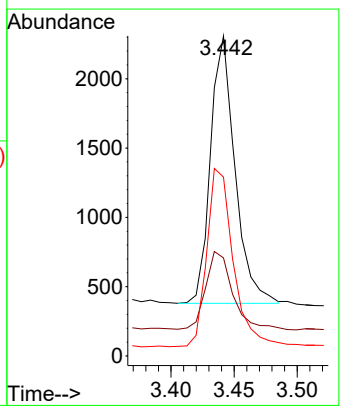


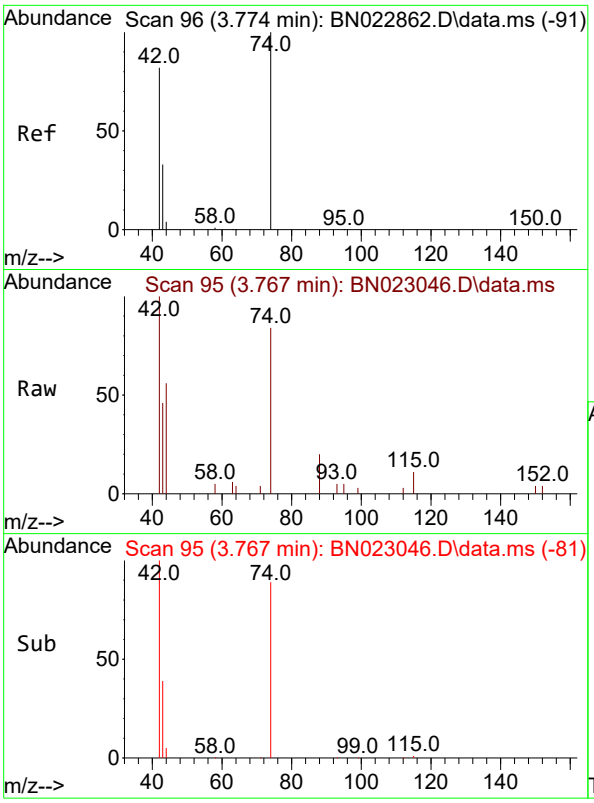


#2
1,4-Dioxane
Concen: 0.377 ng
RT: 3.442 min Scan# 50
Delta R.T. -0.000 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Tgt Ion: 88 Resp: 2603

Ion	Ratio	Lower	Upper
88	100		
43	32.0	25.4	38.2
58	72.3	56.5	84.7



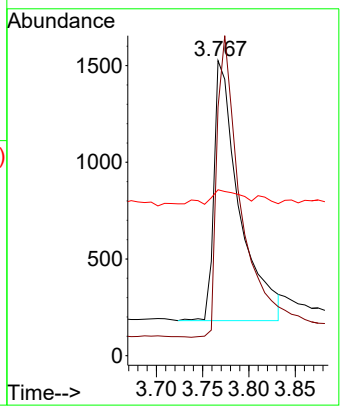


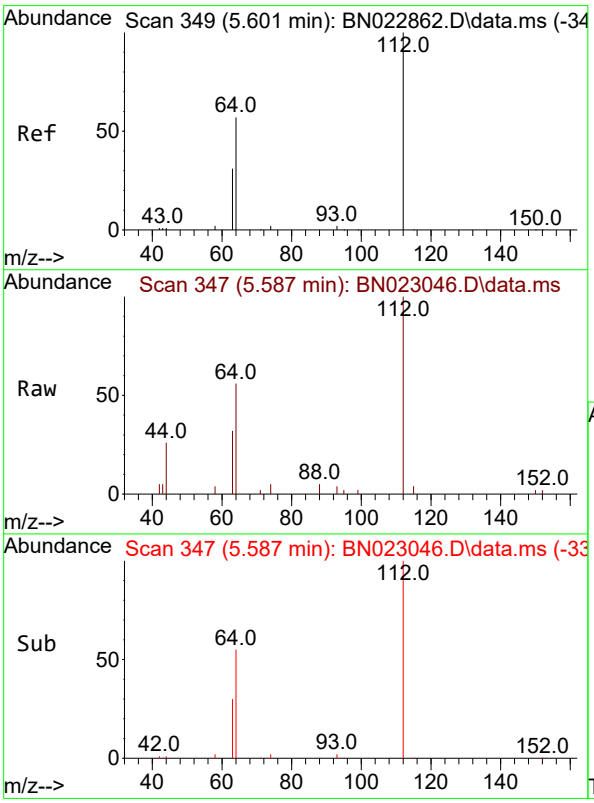
#3
n-Nitrosodimethylamine
Concen: 0.342 ng
RT: 3.767 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2548

Ion	Ratio	Lower	Upper
42	100		
74	111.3	99.3	148.9
44	8.9	5.4	8.2#

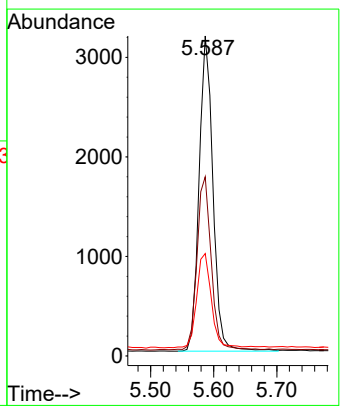


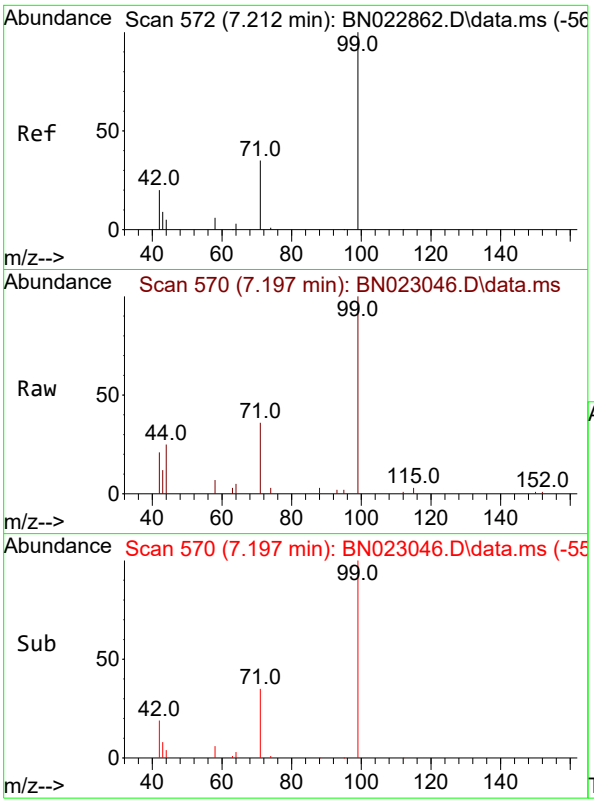


#4
2-Fluorophenol
Concen: 0.342 ng
RT: 5.587 min Scan# 347
Delta R.T. -0.007 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Tgt Ion:112 Resp: 4827

Ion	Ratio	Lower	Upper
112	100		
64	56.5	43.4	65.2
63	31.5	23.4	35.2



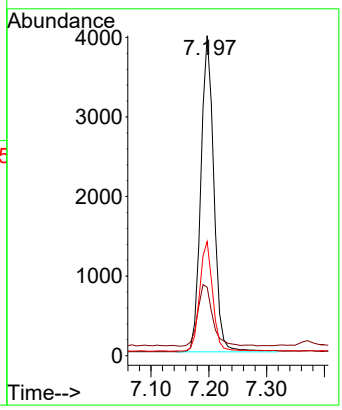


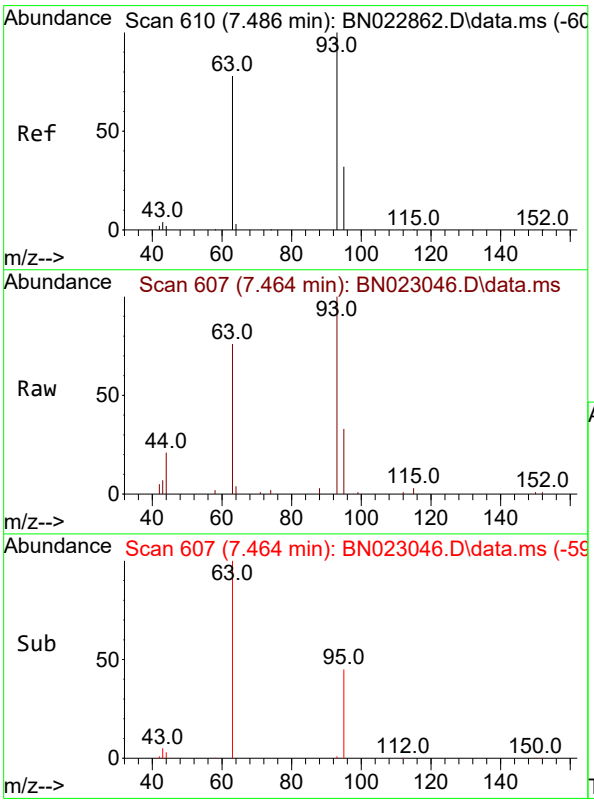
#5
Phenol-d6
Concen: 0.346 ng
RT: 7.197 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 6236

Ion	Ratio	Lower	Upper
99	100		
42	22.2	16.0	24.0
71	34.7	26.8	40.2

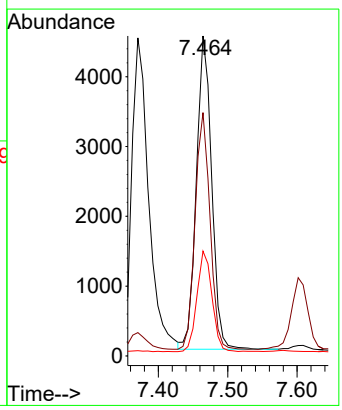


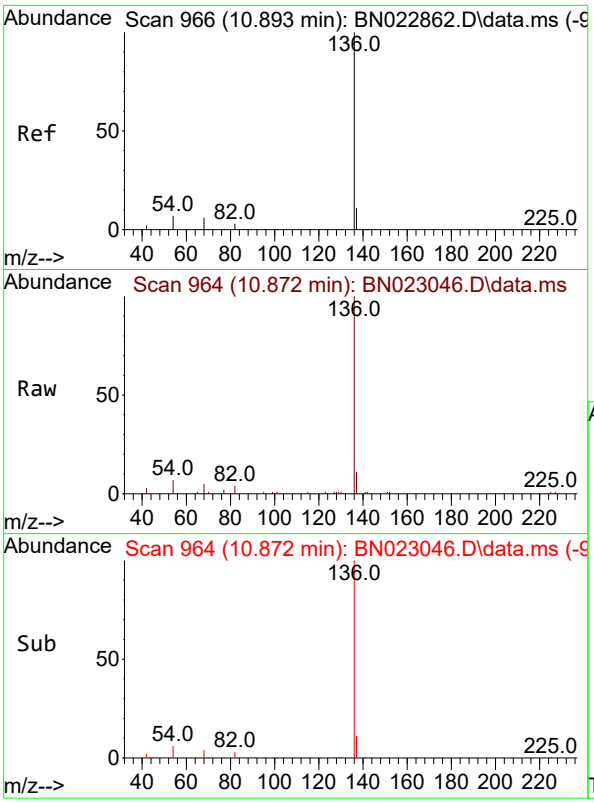


#6
bis(2-Chloroethyl)ether
Concen: 0.406 ng
RT: 7.464 min Scan# 607
Delta R.T. -0.007 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Tgt Ion: 93 Resp: 6867

Ion	Ratio	Lower	Upper
93	100		
63	73.8	58.3	87.5
95	31.7	25.8	38.6



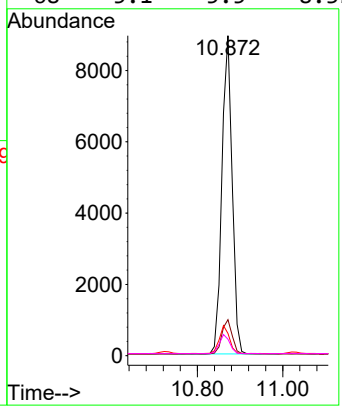


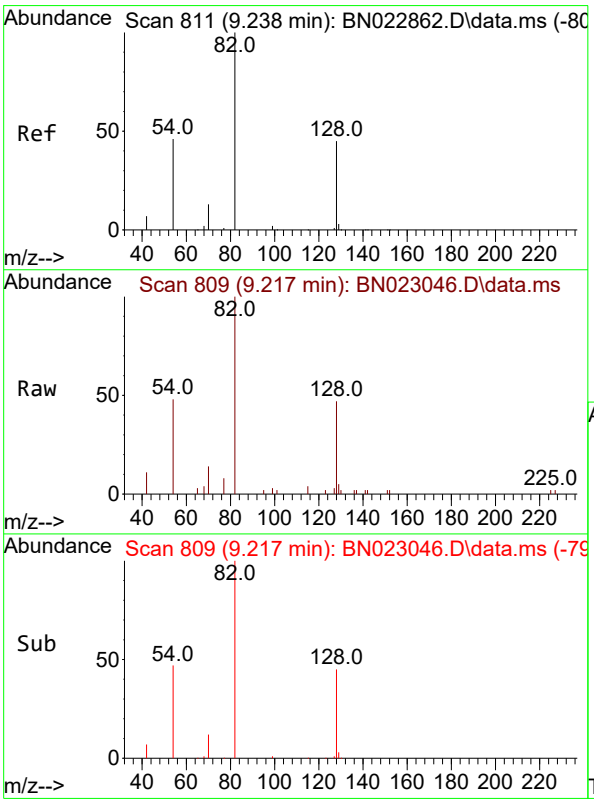
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 14933

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.0	6.6	9.8
68	5.1	5.5	8.3#

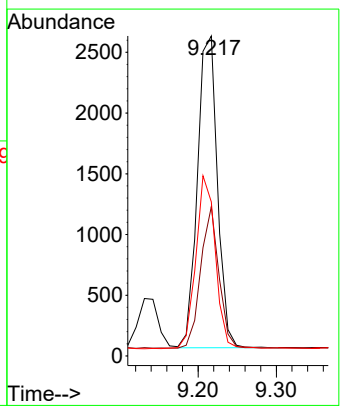


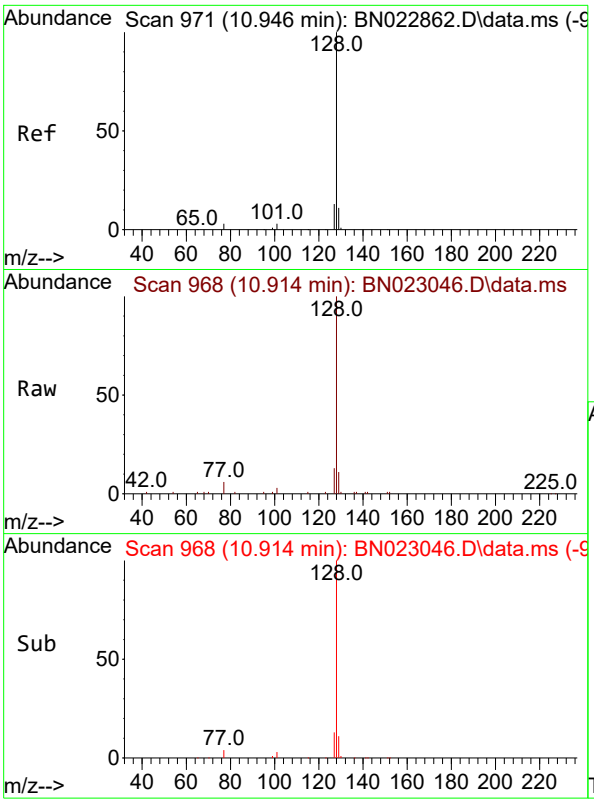


#8
Nitrobenzene-d5
Concen: 0.394 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.000 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Tgt Ion: 82 Resp: 4573

Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.6	54.8
54	48.2	38.5	57.7



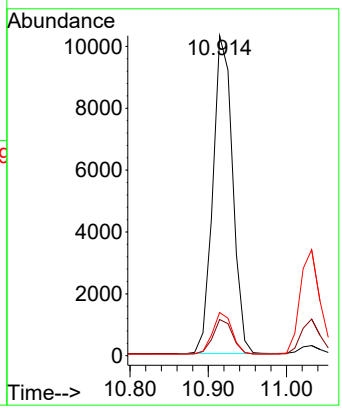


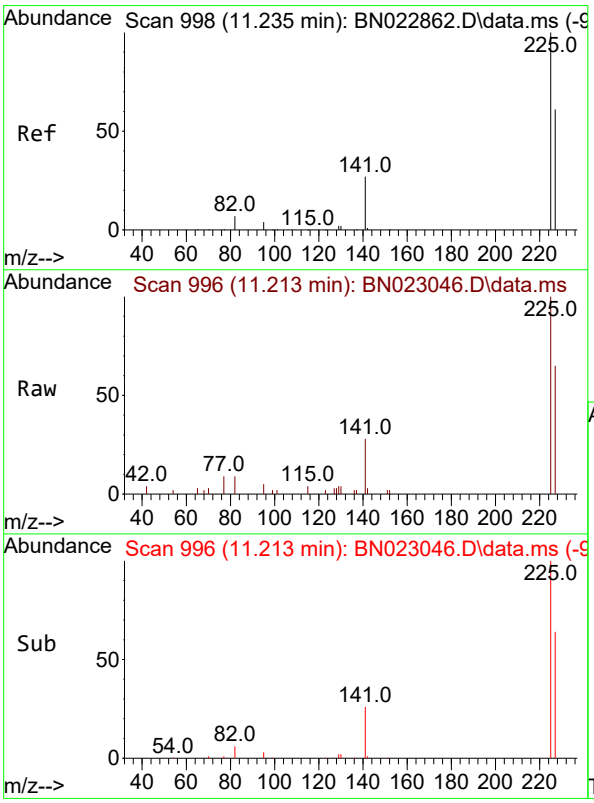
#9
Naphthalene
Concen: 0.392 ng
RT: 10.914 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 18018

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.5	10.8	16.2

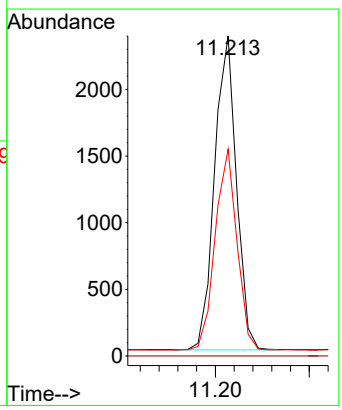


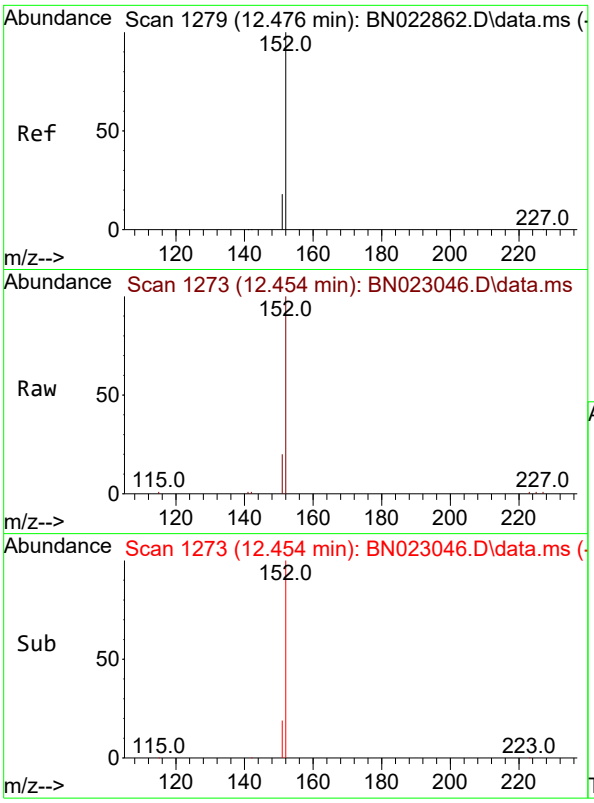


#10
Hexachlorobutadiene
Concen: 0.403 ng
RT: 11.213 min Scan# 996
Delta R.T. -0.000 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Tgt Ion:225 Resp: 3807

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.8	76.2



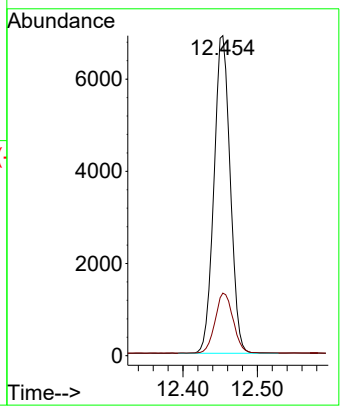


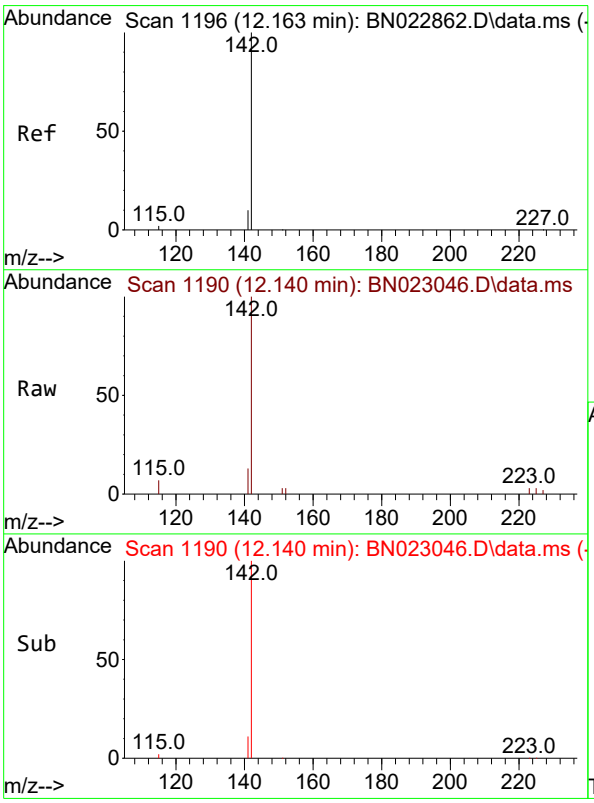
#11
2-Methylnaphthalene-d10
Concen: 0.360 ng
RT: 12.454 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 11647

Ion	Ratio	Lower	Upper
152	100		
151	18.8	18.6	27.8

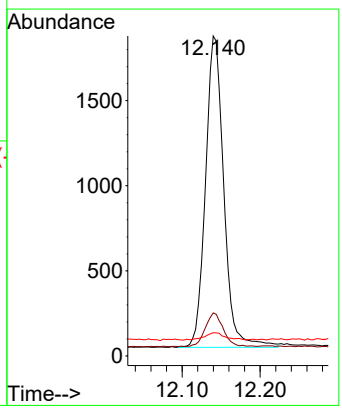


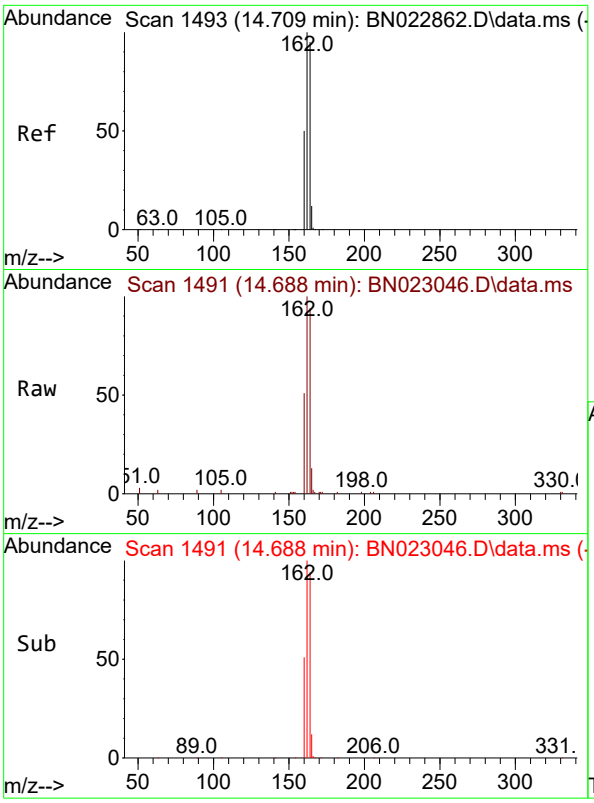


#12
2-Methylnaphthalene
Concen: 0.318 ng
RT: 12.140 min Scan# 1190
Delta R.T. -0.008 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Tgt Ion:142 Resp: 2985

Ion	Ratio	Lower	Upper
142	100		
141	13.5	10.1	15.1
115	7.3	4.6	7.0#



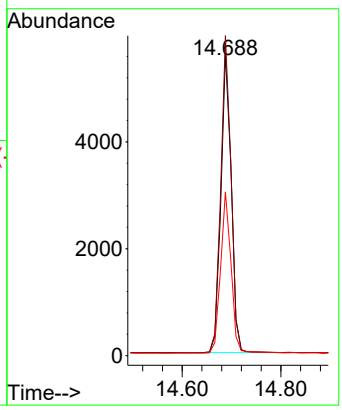


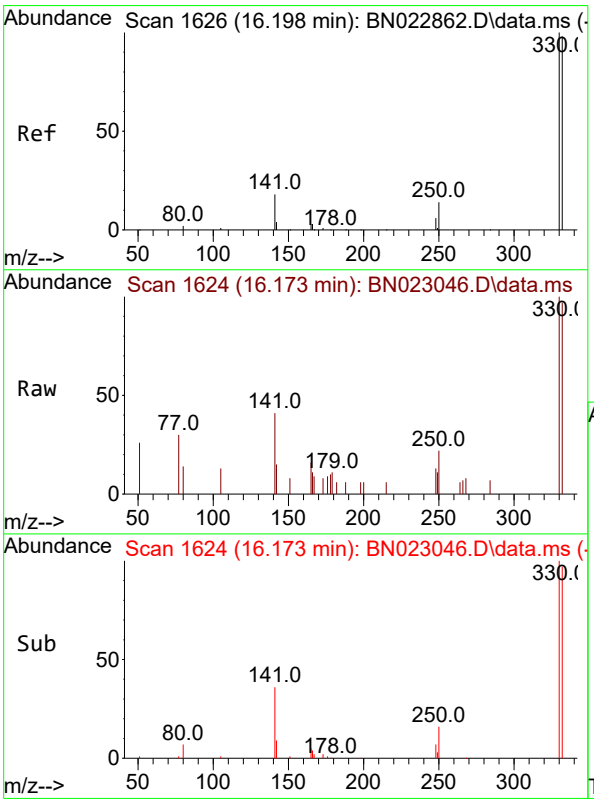
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.688 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 8163

Ion	Ratio	Lower	Upper
164	100		
162	105.9	84.2	126.4
160	54.2	42.5	63.7

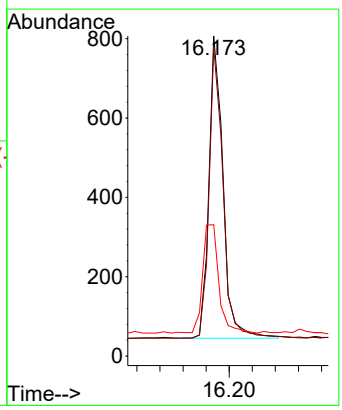


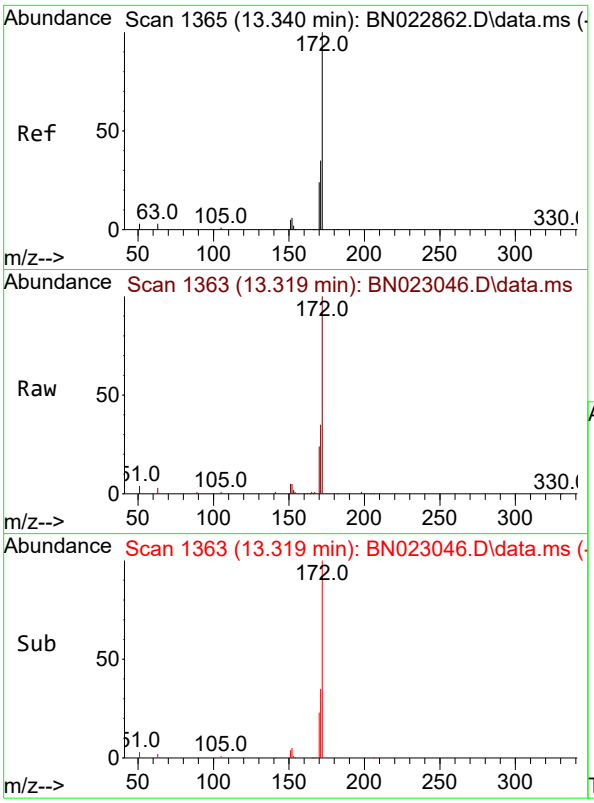


#14
2,4,6-Tribromophenol
Concen: 0.327 ng
RT: 16.173 min Scan# 1624
Delta R.T. -0.013 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Tgt Ion:330 Resp: 1290

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.5	114.7
141	40.9	32.6	48.8



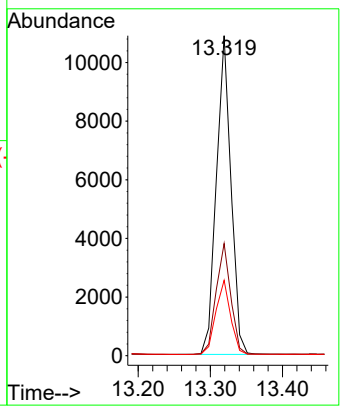


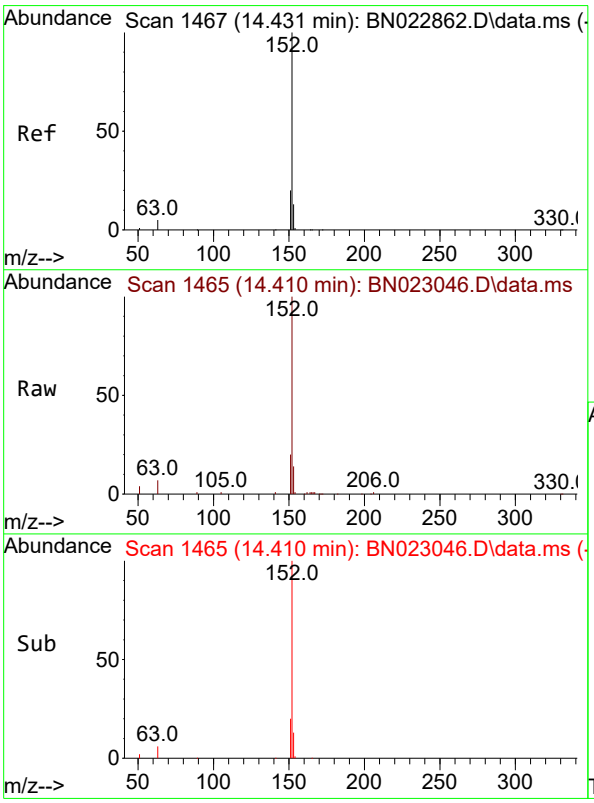
#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 13.319 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 15245

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.4
170	23.5	19.3	28.9

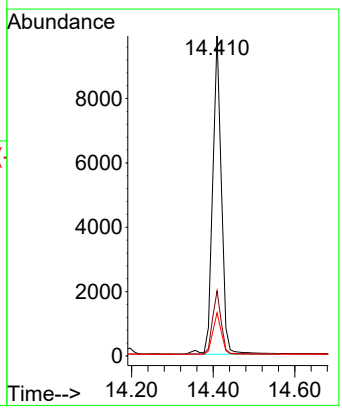


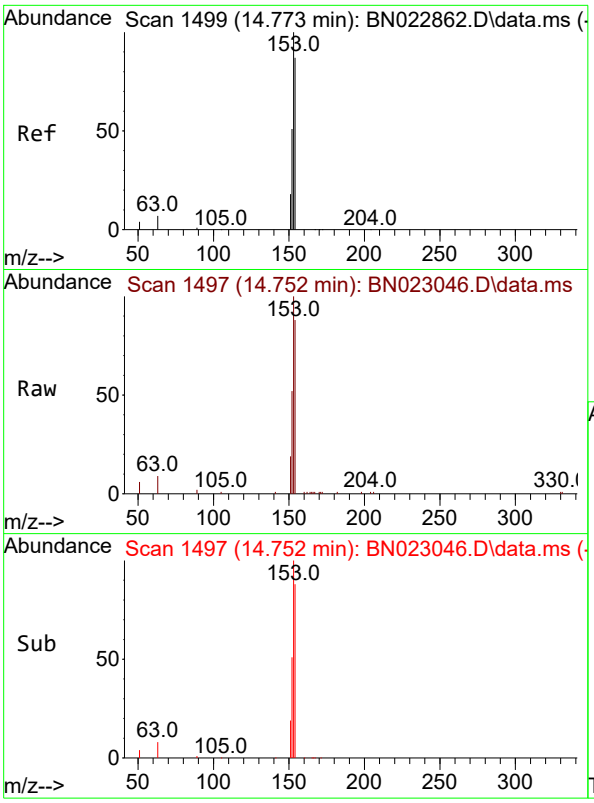


#16
Acenaphthylene
Concen: 0.340 ng
RT: 14.410 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Tgt Ion:152 Resp: 14714

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.1	24.1
153	13.0	10.5	15.7



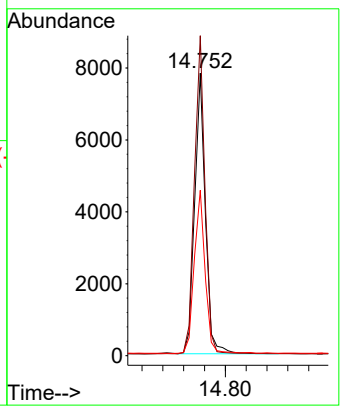


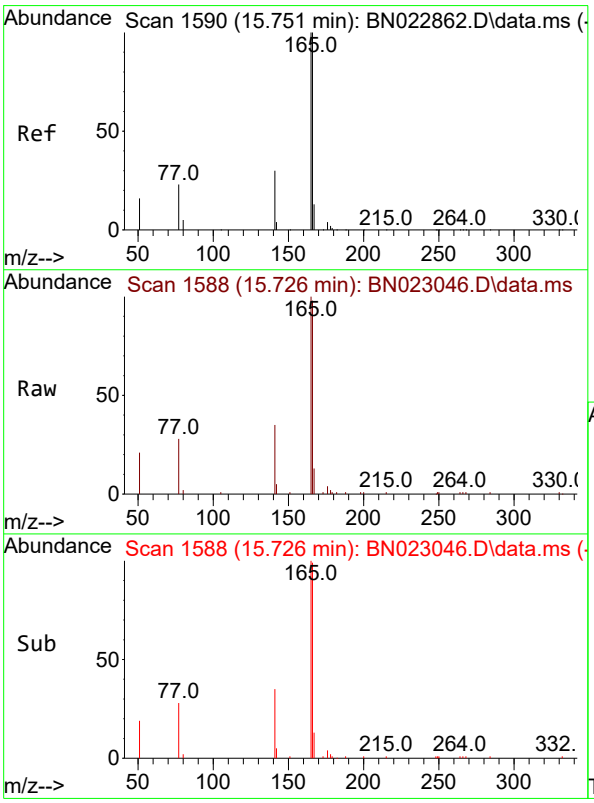
#17
Acenaphthene
Concen: 0.392 ng
RT: 14.752 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 11160

Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.0	135.0
152	59.3	47.0	70.6

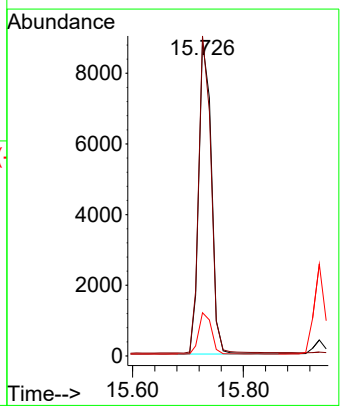


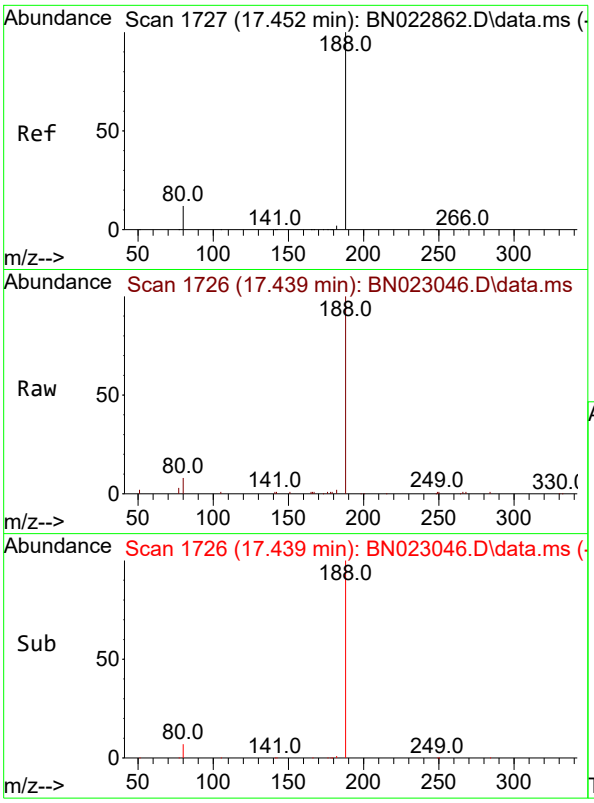


#18
Fluorene
Concen: 0.377 ng
RT: 15.726 min Scan# 1588
Delta R.T. -0.013 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Tgt Ion:166 Resp: 13716

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.4	119.0
167	12.9	10.7	16.1



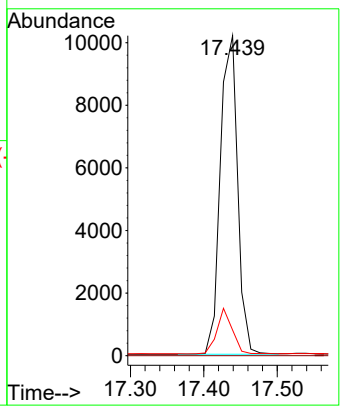


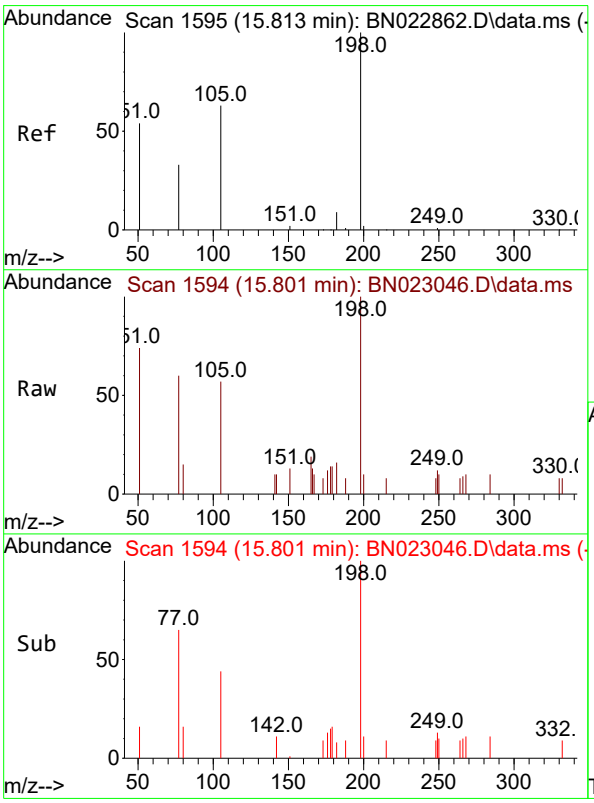
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 16656

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	10.3	15.5#

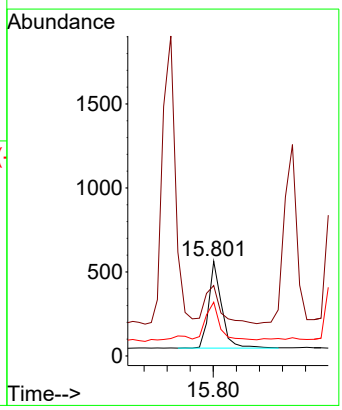


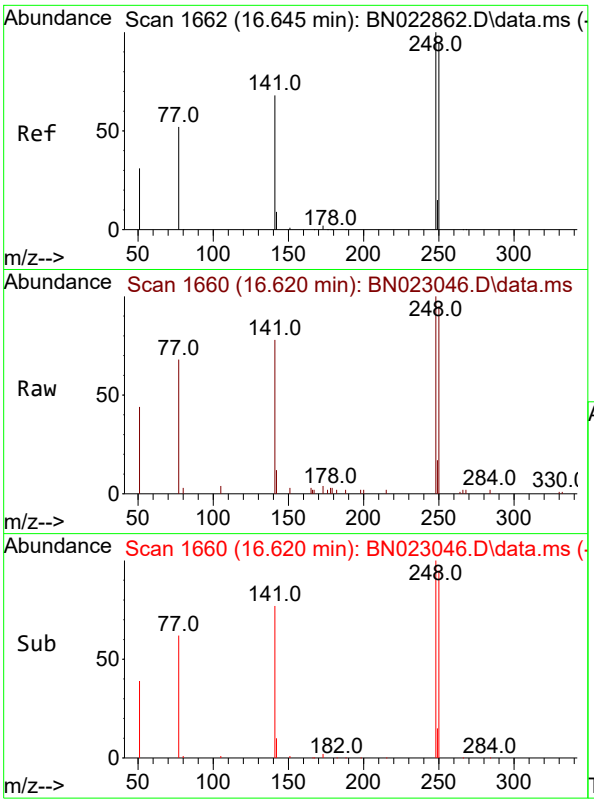


#20
4,6-Dinitro-2-methylphenol
Concen: 0.428 ng
RT: 15.801 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Tgt Ion:198 Resp: 797

Ion	Ratio	Lower	Upper
198	100		
51	74.3	80.5	120.7#
105	56.7	70.5	105.7#



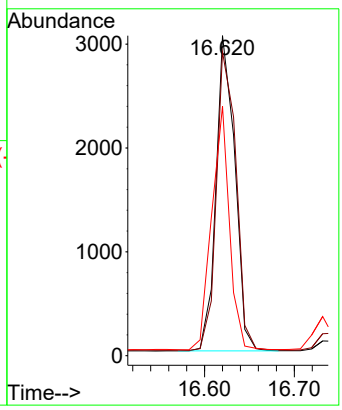


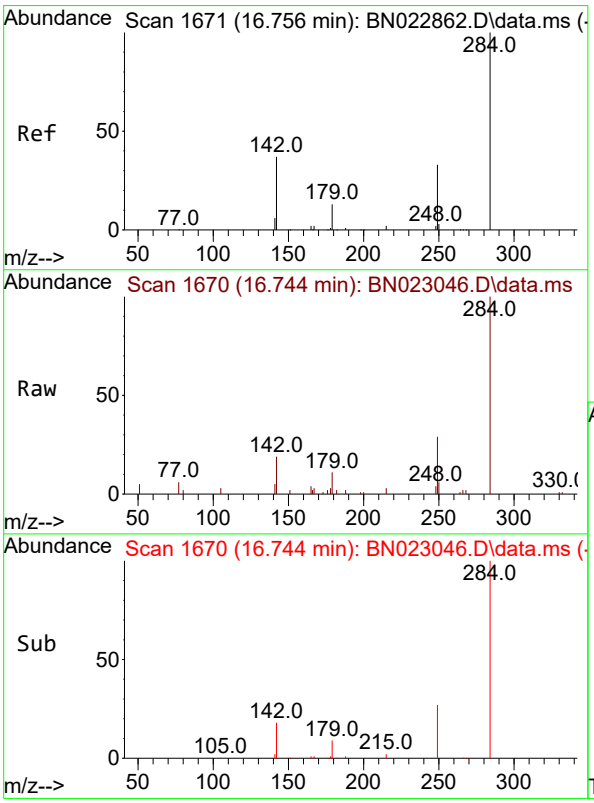
#21
4-Bromophenyl-phenylether
Concen: 0.370 ng
RT: 16.620 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 4449

Ion	Ratio	Lower	Upper
248	100		
250	94.9	75.8	113.6
141	78.0	55.4	83.0

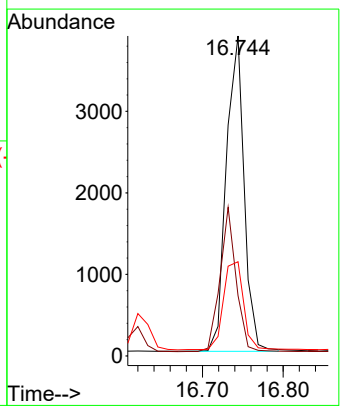


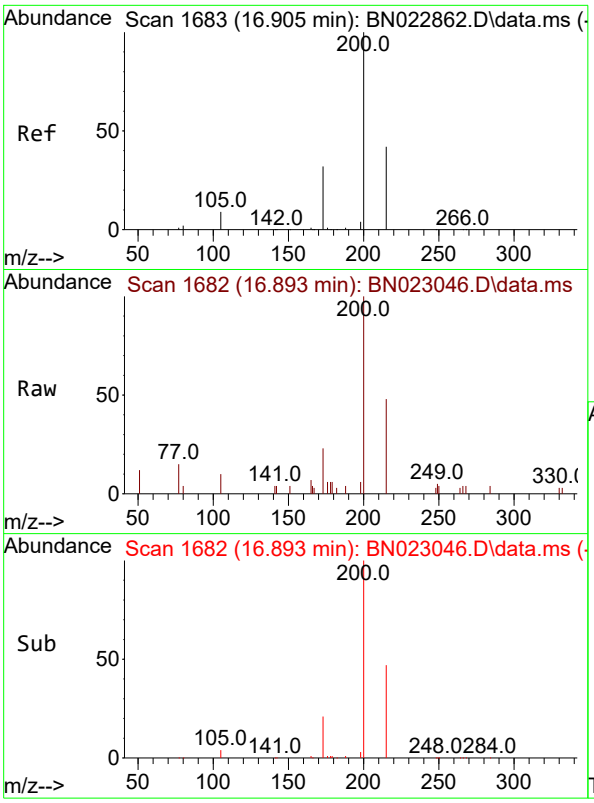


#22
Hexachlorobenzene
Concen: 0.405 ng
RT: 16.744 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Tgt Ion:284 Resp: 5937

Ion	Ratio	Lower	Upper
284	100		
142	41.6	30.1	45.1
249	31.6	24.5	36.7



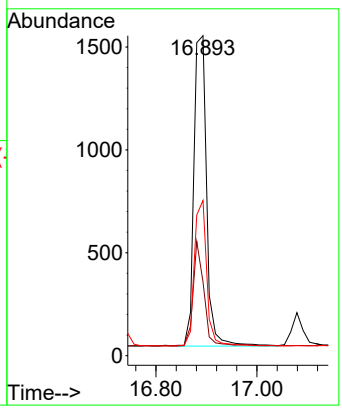


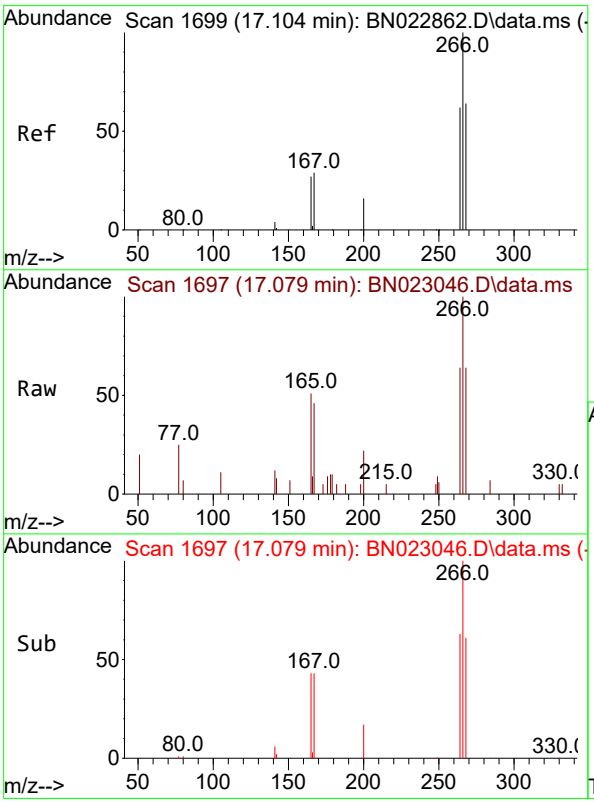
#23
Atrazine
Concen: 0.314 ng
RT: 16.893 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 2661

Ion	Ratio	Lower	Upper
200	100		
173	23.0	26.4	39.6#
215	48.5	34.4	51.6

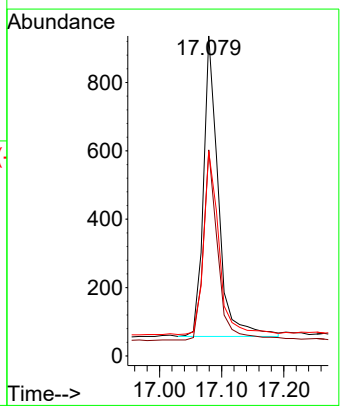


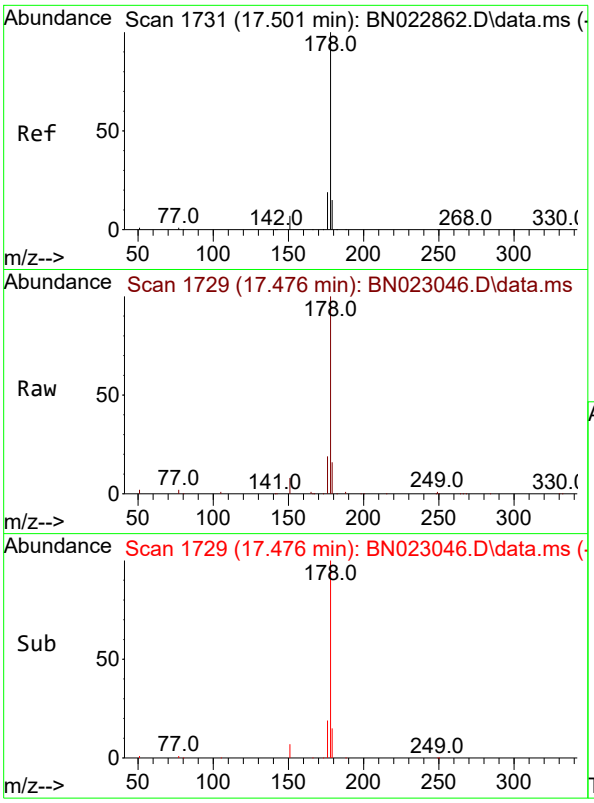


#24
Pentachlorophenol
Concen: 0.366 ng
RT: 17.079 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Tgt Ion:266 Resp: 1469

Ion	Ratio	Lower	Upper
266	100		
264	61.6	50.0	75.0
268	62.4	50.9	76.3



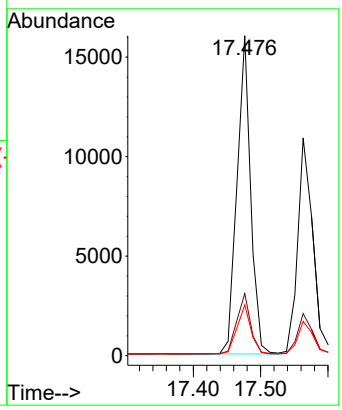


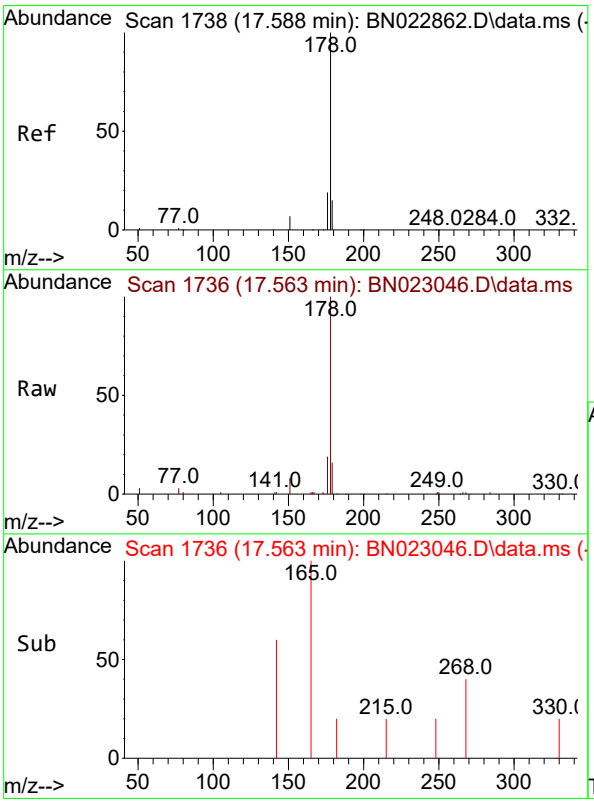
#25
Phenanthrene
Concen: 0.389 ng
RT: 17.476 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 22524

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.7	12.2	18.2

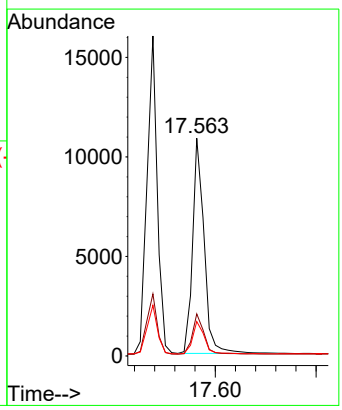


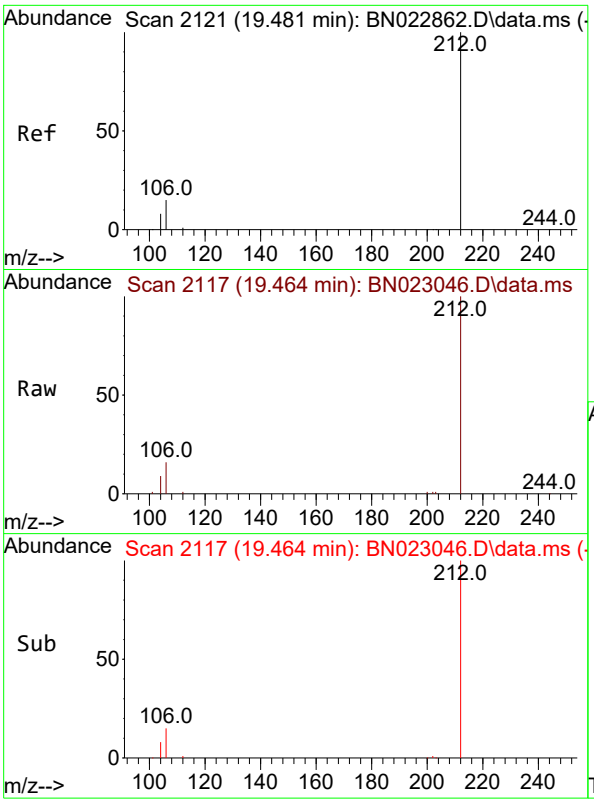


#26
Anthracene
Concen: 0.342 ng
RT: 17.563 min Scan# 1736
Delta R.T. -0.013 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Tgt Ion:178 Resp: 17168

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.1	12.2	18.2



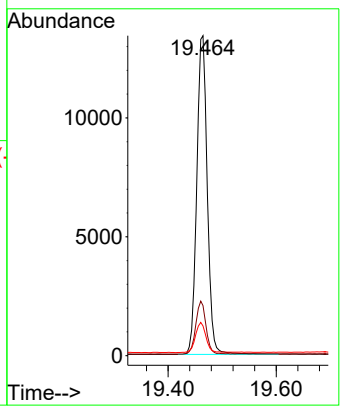


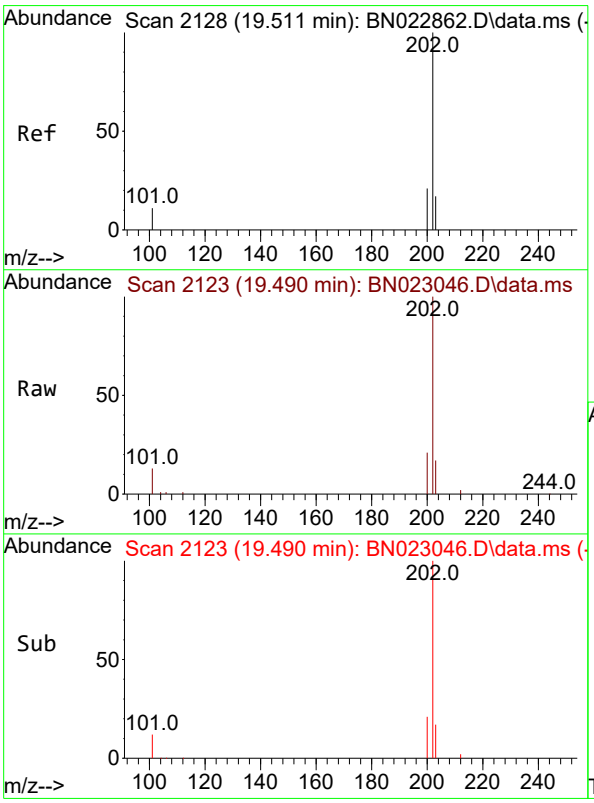
#27
Fluoranthene-d10
Concen: 0.400 ng
RT: 19.464 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 18105

Ion	Ratio	Lower	Upper
212	100		
106	16.1	12.3	18.5
104	9.4	7.0	10.4

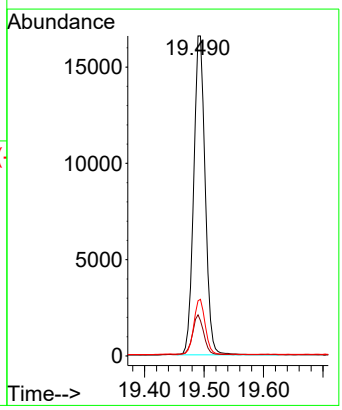


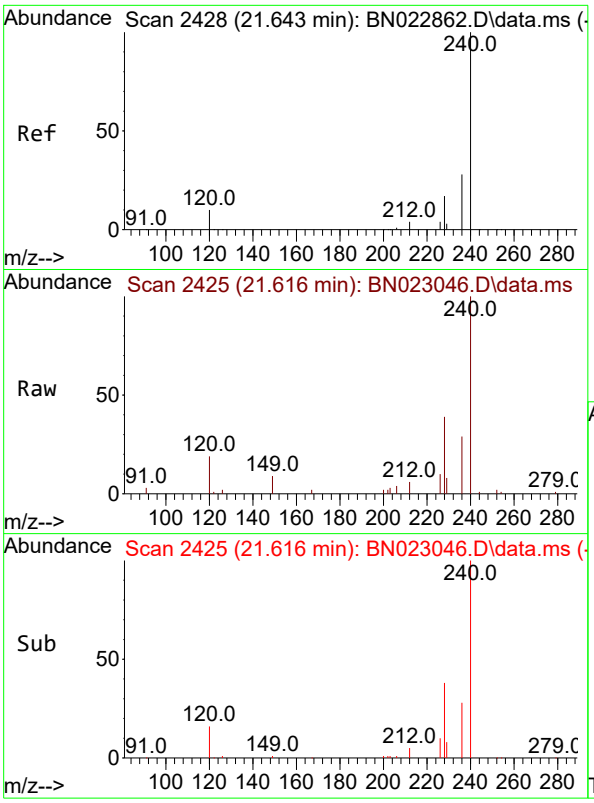


#28
Fluoranthene
Concen: 0.360 ng
RT: 19.490 min Scan# 2123
Delta R.T. -0.004 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Tgt Ion:202 Resp: 22164

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.3	13.9
203	17.0	13.7	20.5



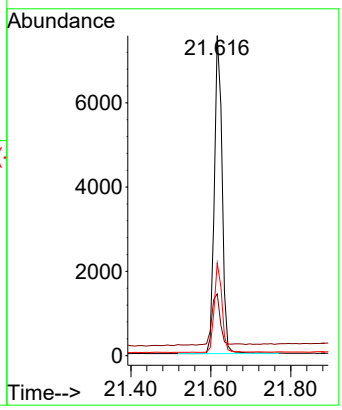


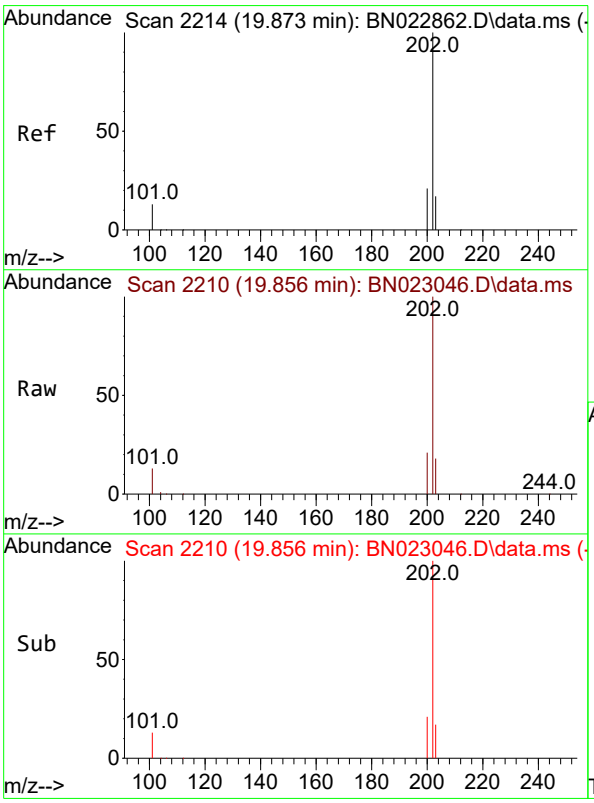
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.616 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 10159

Ion	Ratio	Lower	Upper
240	100		
120	19.3	9.2	13.8#
236	29.0	22.6	34.0

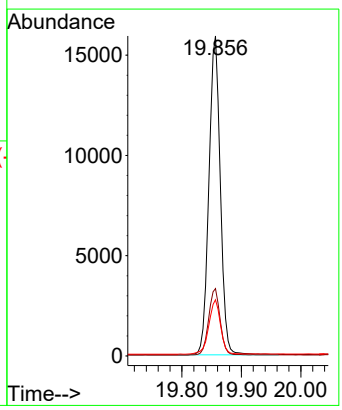


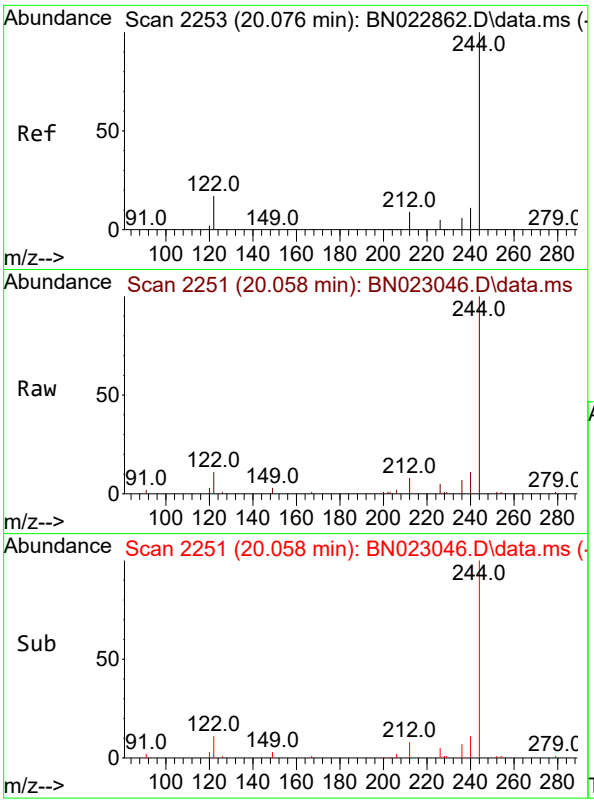


#30
Pyrene
Concen: 0.400 ng
RT: 19.856 min Scan# 2210
Delta R.T. -0.000 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Tgt Ion:202 Resp: 21160

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	17.8	14.2	21.2



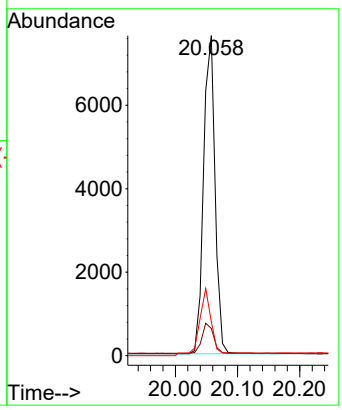


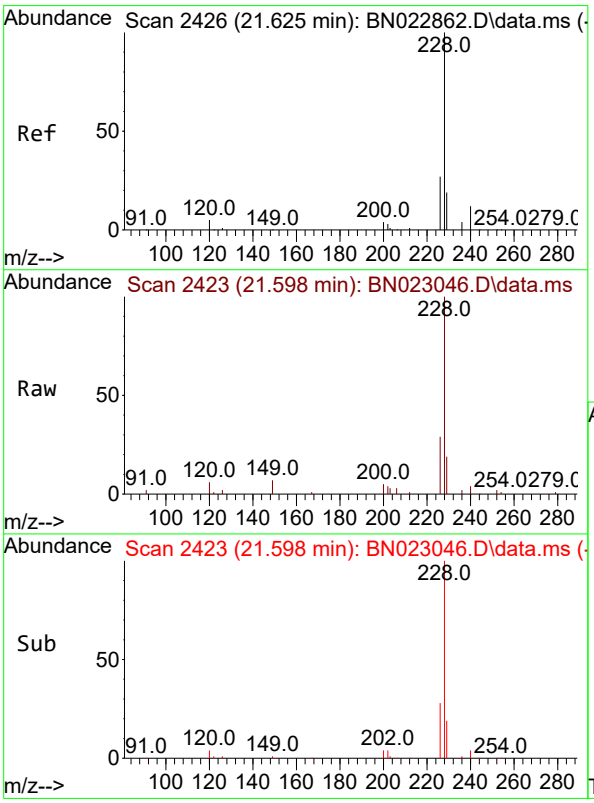
#31
Terphenyl-d14
Concen: 0.408 ng
RT: 20.058 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 9730

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.9	11.9
122	10.6	13.9	20.9#

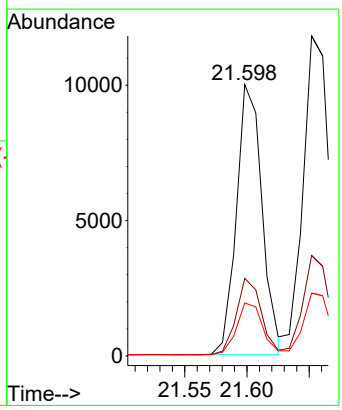


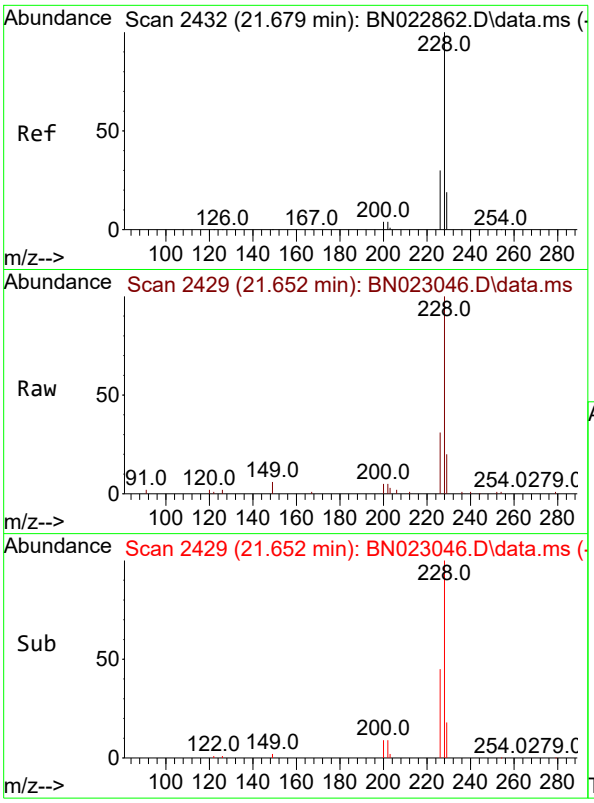


#32
Benzo(a)anthracene
Concen: 0.348 ng
RT: 21.598 min Scan# 2423
Delta R.T. -0.009 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Tgt Ion:228 Resp: 14282

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.1	33.1
229	19.5	15.8	23.6



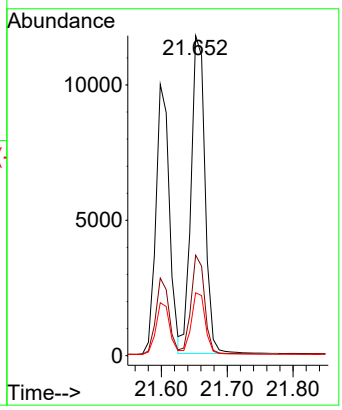


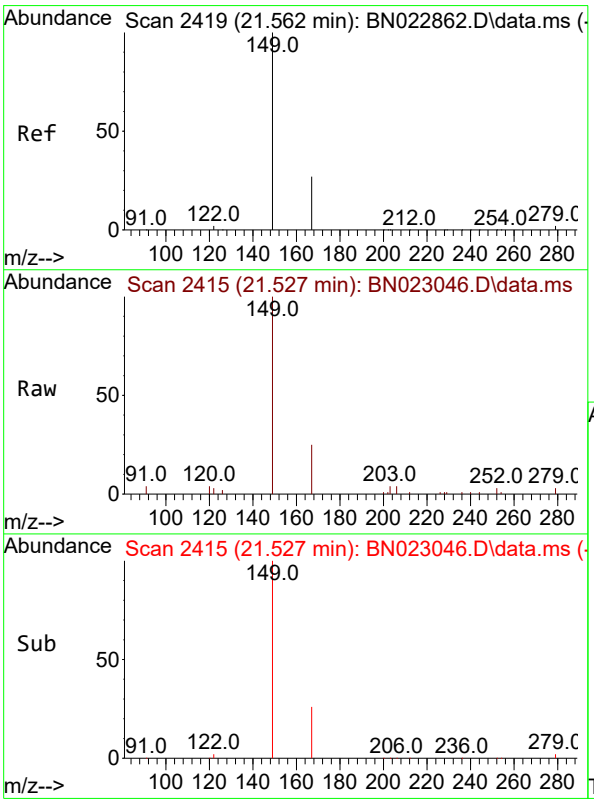
#33
Chrysene
Concen: 0.406 ng
RT: 21.652 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 17304

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.5	36.7
229	19.7	15.8	23.6

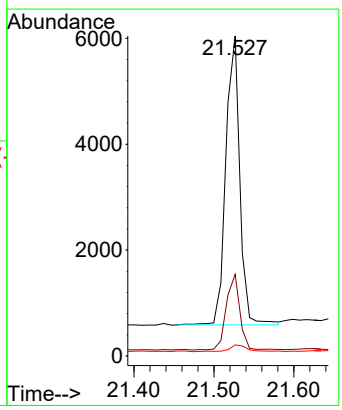


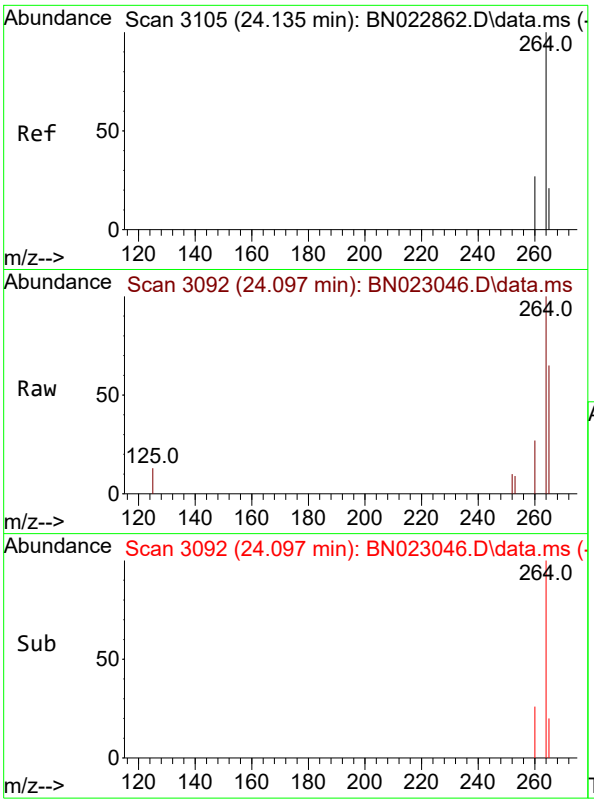


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.402 ng
RT: 21.527 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Tgt Ion:149 Resp: 6626

Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.3	31.9
279	3.0	2.3	3.5



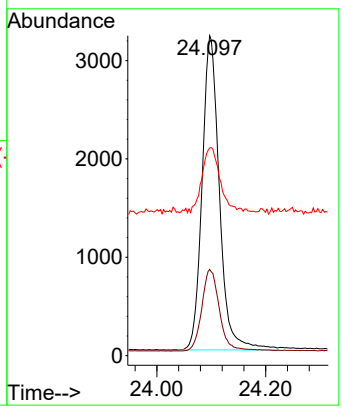


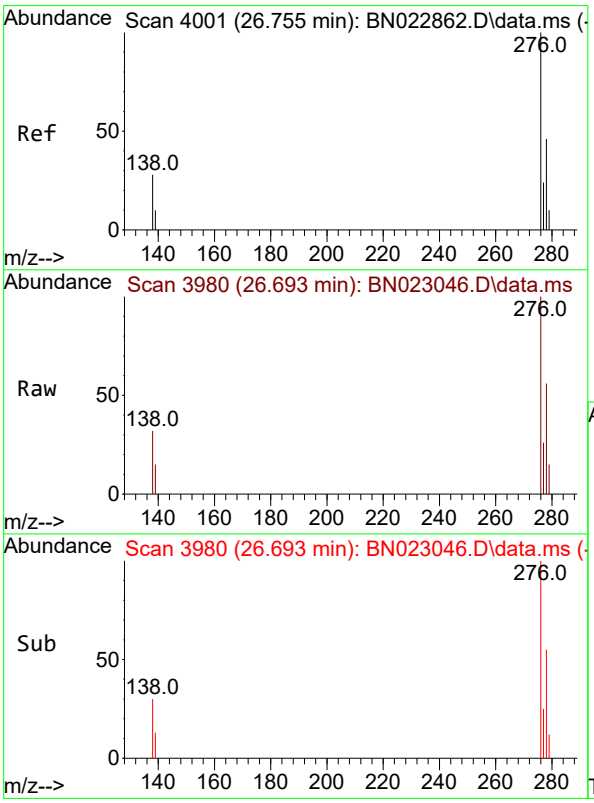
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.097 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 7014

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.7	32.5
265	64.9	31.0	46.4#

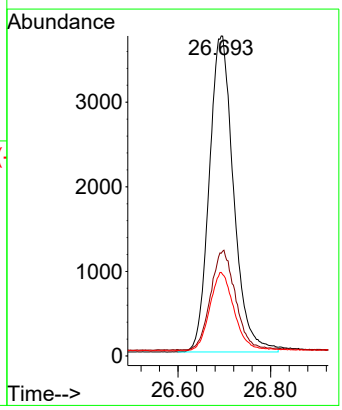


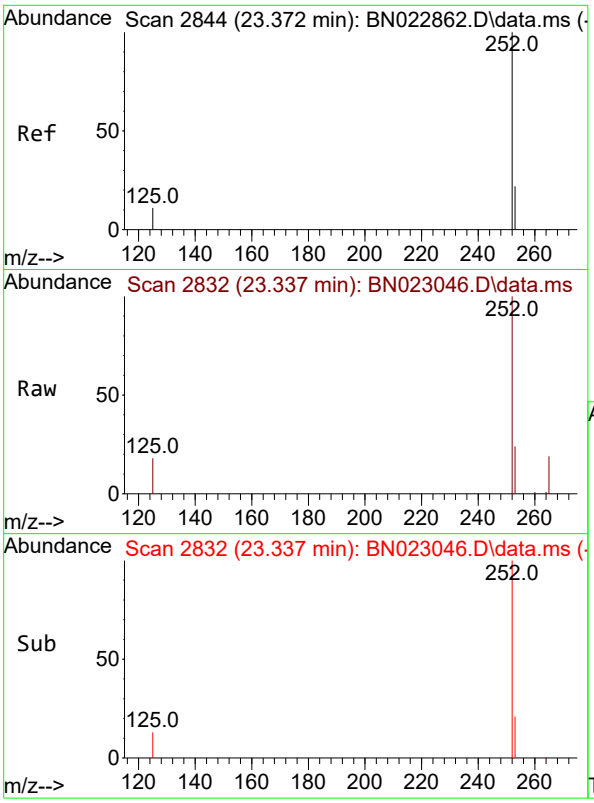


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.468 ng
RT: 26.693 min Scan# 3980
Delta R.T. -0.003 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Tgt Ion:276 Resp: 13618

Ion	Ratio	Lower	Upper
276	100		
138	32.0	24.4	36.6
277	24.7	19.9	29.9



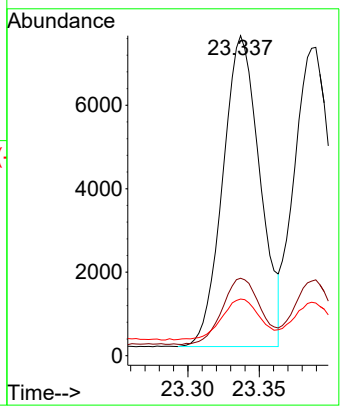


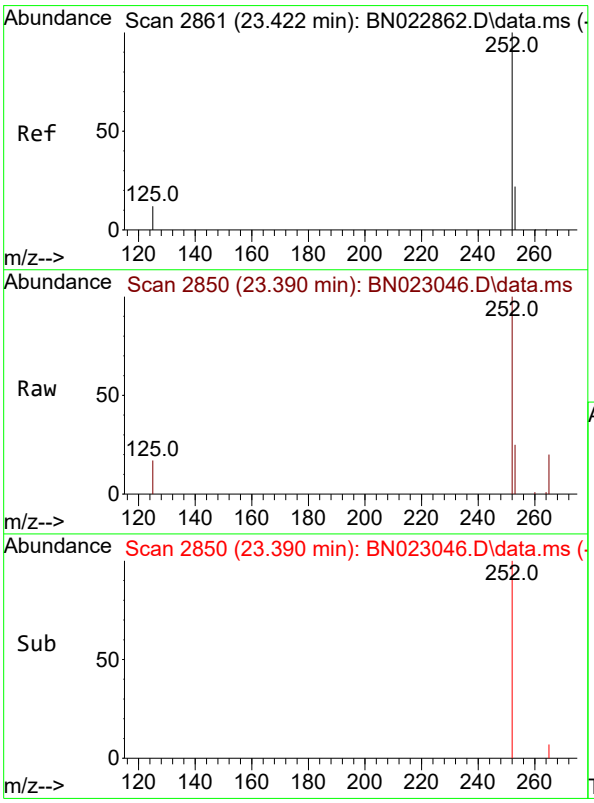
#37
Benzo(b)fluoranthene
Concen: 0.430 ng
RT: 23.337 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 13465

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.5	27.7
125	17.7	10.8	16.2#

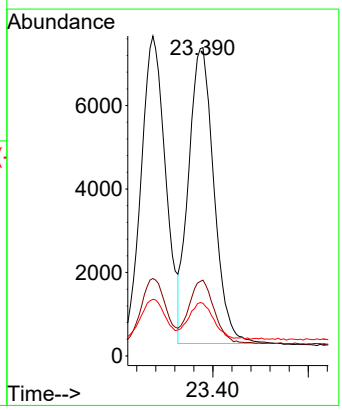


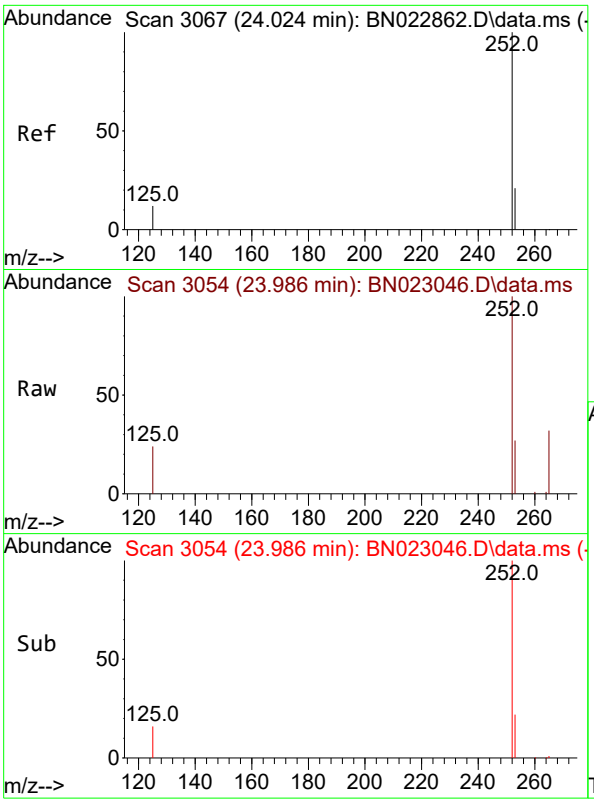


#38
Benzo(k)fluoranthene
Concen: 0.387 ng
RT: 23.390 min Scan# 2850
Delta R.T. -0.000 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Tgt Ion:252 Resp: 13135

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.6	27.8
125	17.1	11.0	16.4#



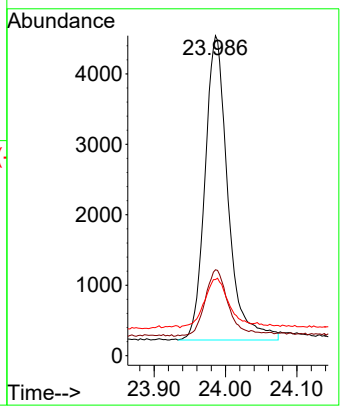


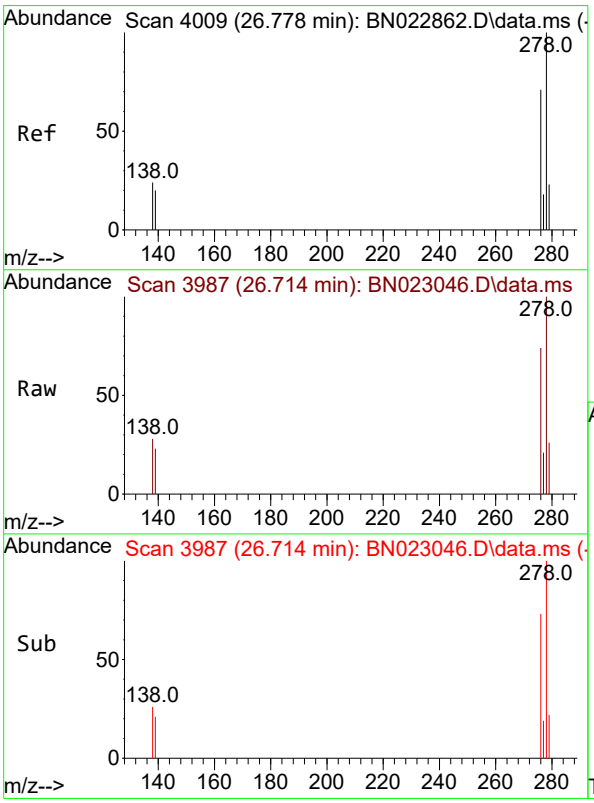
#39
Benzo(a)pyrene
Concen: 0.403 ng
RT: 23.986 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 9626

Ion	Ratio	Lower	Upper
252	100		
253	26.8	19.2	28.8
125	23.8	12.7	19.1#

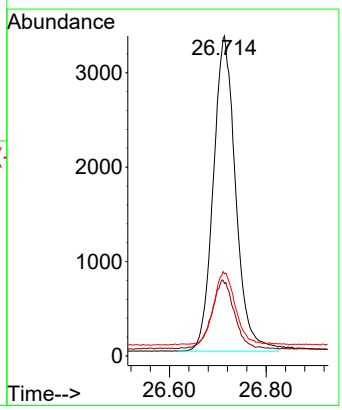


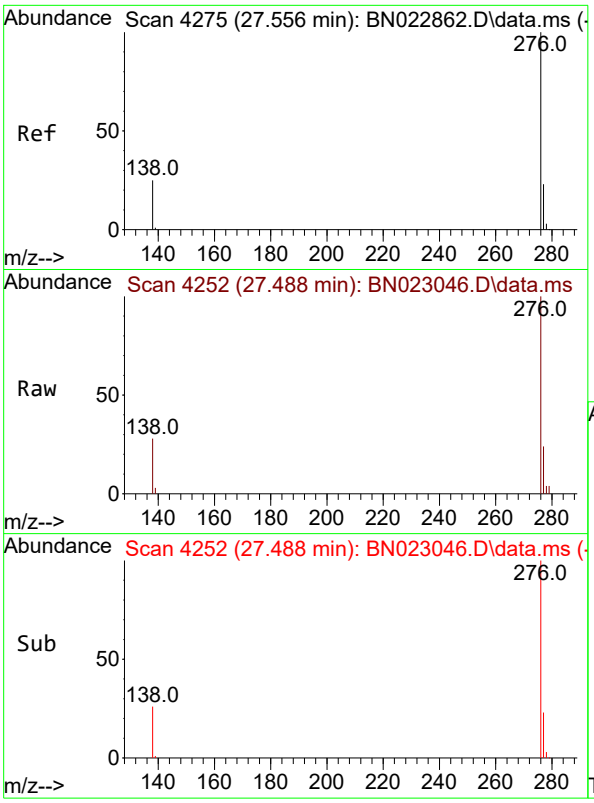


#40
Dibenzo(a,h)anthracene
Concen: 0.463 ng
RT: 26.714 min Scan# 3987
Delta R.T. -0.003 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Tgt Ion:278 Resp: 10709

Ion	Ratio	Lower	Upper
278	100		
139	22.7	17.4	26.0
279	25.7	20.0	30.0





#41
Benzo(g,h,i)perylene
Concen: 0.453 ng
RT: 27.488 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN023046.D
Acq: 02 Dec 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 11288

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.7	29.5
138	27.9	21.4	32.2