Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
Data File : BN021240.D
Acq On : 15 Aug 2022 18:03
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Aug 16 05:51:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 05:49:47 2022
Response via : Initial Calibration

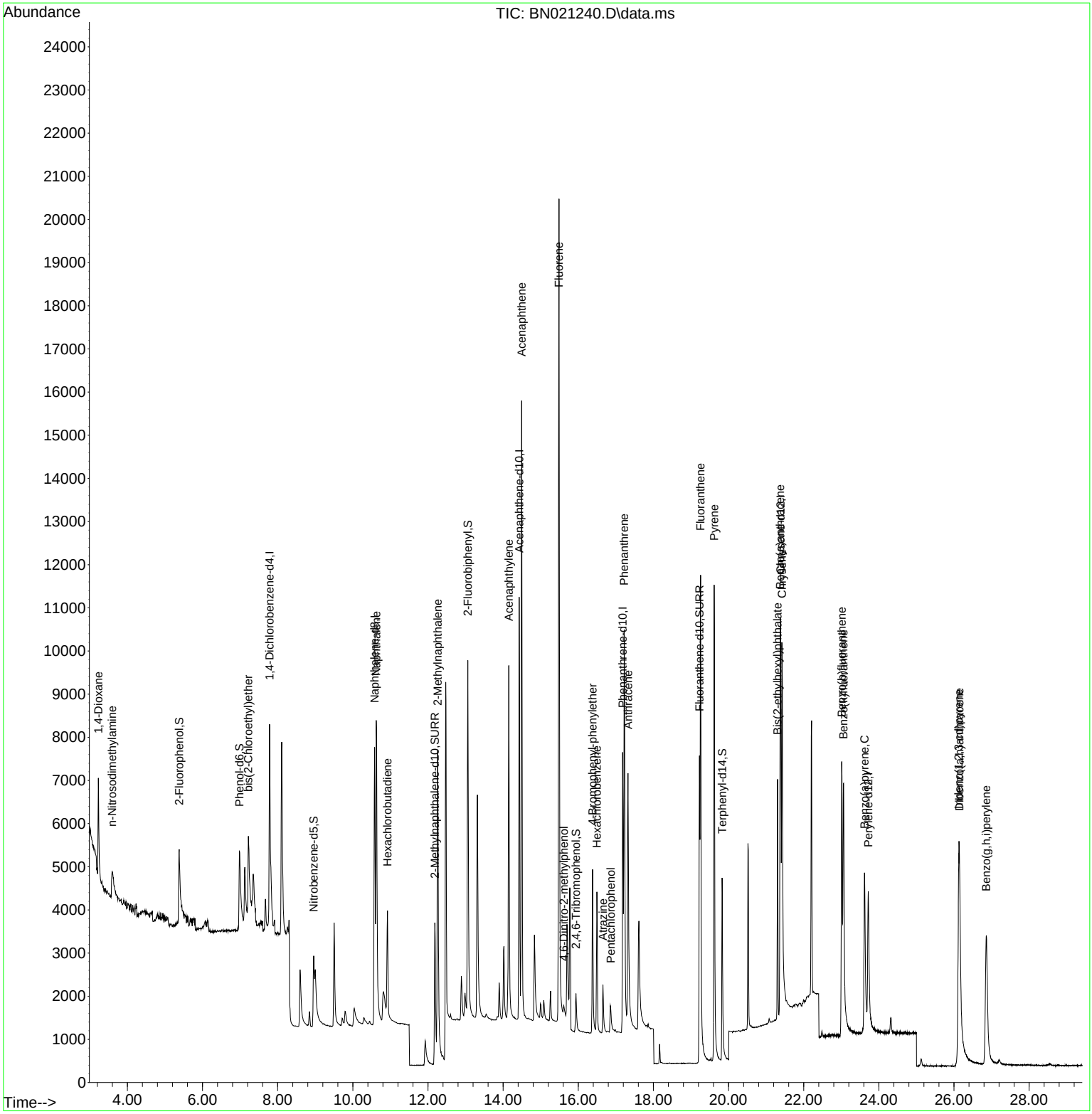
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.783	152	2842	0.400	ng		0.00
7) Naphthalene-d8	10.581	136	10400	0.400	ng		0.00
13) Acenaphthene-d10	14.429	164	6042	0.400	ng		0.00
19) Phenanthrene-d10	17.182	188	10456	0.400	ng		0.00
29) Chrysene-d12	21.386	240	6330	0.400	ng		0.00
35) Perylene-d12	23.720	264	5714	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.378	112	2550	0.336	ng		0.00
5) Phenol-d6	6.982	99	3033	0.341	ng		0.00
8) Nitrobenzene-d5	8.958	82	2195	0.287	ng		0.00
11) 2-Methylnaphthalene-d10	12.183	152	6448	0.364	ng		0.00
14) 2,4,6-Tribromophenol	15.941	330	620	0.286	ng		0.00
15) 2-Fluorobiphenyl	13.060	172	9115	0.377	ng		0.00
27) Fluoranthene-d10	19.227	212	9707	0.317	ng		0.00
31) Terphenyl-d14	19.830	244	6411	0.415	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.226	88	1425	0.376	ng		99
3) n-Nitrosodimethylamine	3.594	42	976	0.322	ng		99
6) bis(2-Chloroethyl)ether	7.220	93	2760	0.359	ng		96
9) Naphthalene	10.624	128	11871	0.381	ng		100
10) Hexachlorobutadiene	10.923	225	2055	0.362	ng	#	100
12) 2-Methylnaphthalene	12.259	142	7611	0.373	ng		100
16) Acenaphthylene	14.151	152	9978	0.344	ng		100
17) Acenaphthene	14.493	154	7393	0.375	ng		100
18) Fluorene	15.487	166	9186	0.362	ng		100
20) 4,6-Dinitro-2-methylph...	15.615	198	140	0.117	ng		100
21) 4-Bromophenyl-phenylether	16.382	248	2143	0.358	ng		100
22) Hexachlorobenzene	16.495	284	2470	0.364	ng		100
23) Atrazine	16.659	200	1285	0.276	ng		100
24) Pentachlorophenol	16.864	266	506	0.311	ng		100
25) Phenanthrene	17.223	178	11630	0.334	ng		100
26) Anthracene	17.326	178	9413	0.313	ng		100
28) Fluoranthene	19.256	202	12128	0.319	ng		100
30) Pyrene	19.619	202	12186	0.440	ng		100
32) Benzo(a)anthracene	21.377	228	7221	0.330	ng		100
33) Chrysene	21.422	228	9262	0.367	ng		100
34) Bis(2-ethylhexyl)phtha...	21.305	149	5063	0.396	ng		100
36) Indeno(1,2,3-cd)pyrene	26.129	276	8960	0.355	ng		97
37) Benzo(b)fluoranthene	23.015	252	8890	0.403	ng		100
38) Benzo(k)fluoranthene	23.059	252	8710	0.376	ng		100
39) Benzo(a)pyrene	23.620	252	7468	0.393	ng		100
40) Dibenzo(a,h)anthracene	26.146	278	6976	0.346	ng		100
41) Benzo(g,h,i)perylene	26.860	276	8202	0.368	ng		100

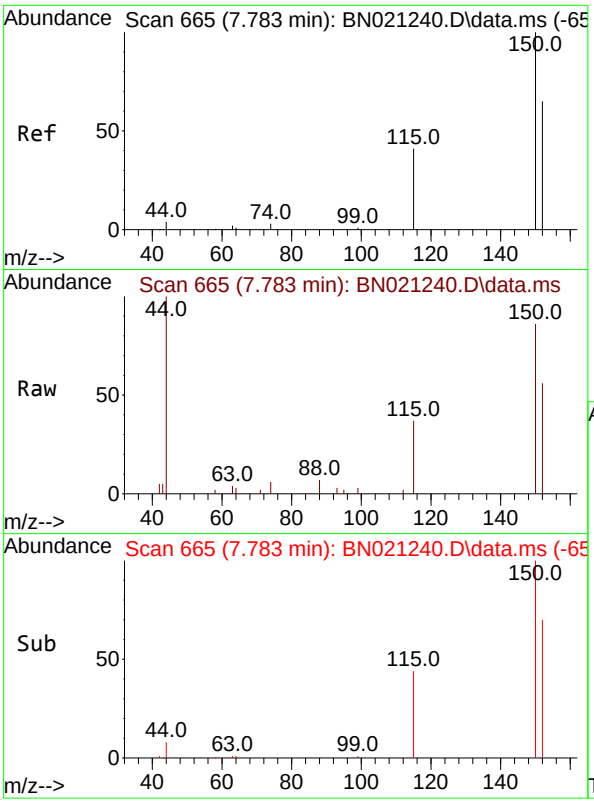
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
Data File : BN021240.D
Acq On : 15 Aug 2022 18:03
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Aug 16 05:51:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 05:49:47 2022
Response via : Initial Calibration



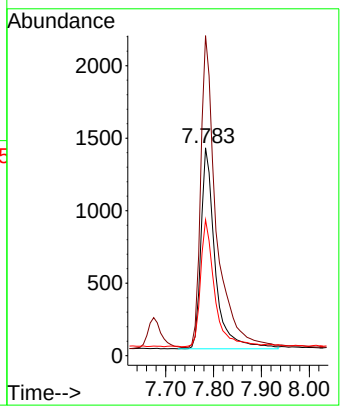


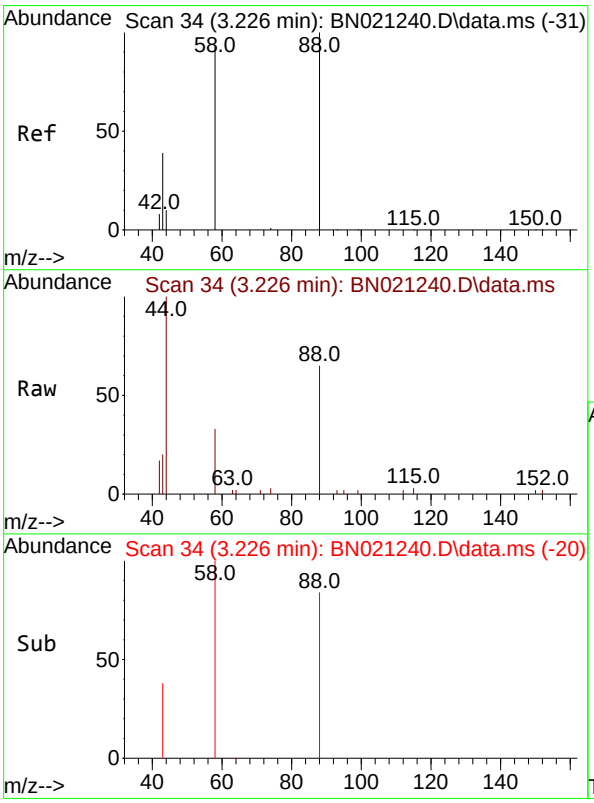
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.783 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 2842

Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.1	184.7
115	65.3	52.2	78.4

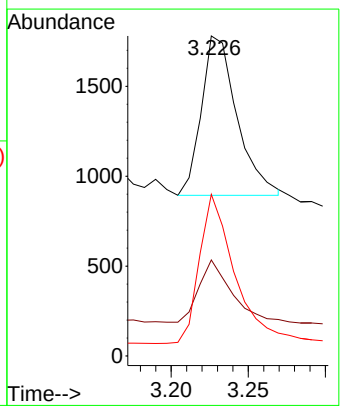


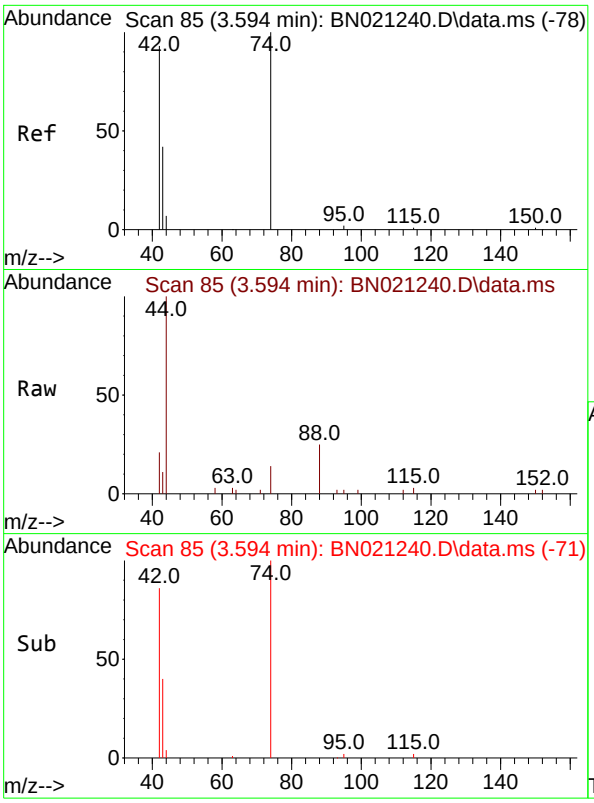


#2
1,4-Dioxane
Concen: 0.376 ng
RT: 3.226 min Scan# 34
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Tgt Ion: 88 Resp: 1425

Ion	Ratio	Lower	Upper
88	100		
43	35.6	28.6	42.8
58	91.6	74.5	111.7



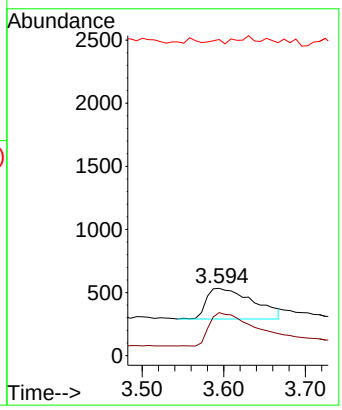


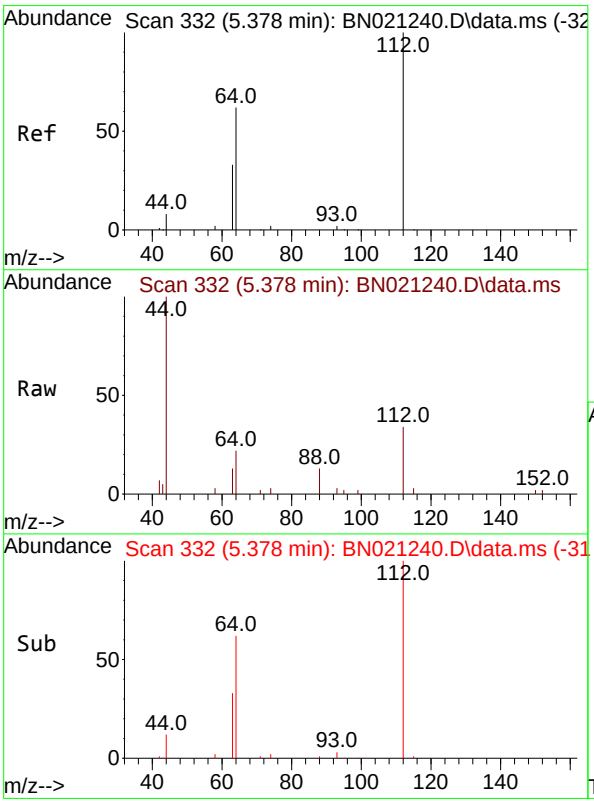
#3
n-Nitrosodimethylamine
Concen: 0.322 ng
RT: 3.594 min Scan# 8
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 976

Ion	Ratio	Lower	Upper
42	100		
74	104.3	82.4	123.6
44	3.2	2.7	4.1

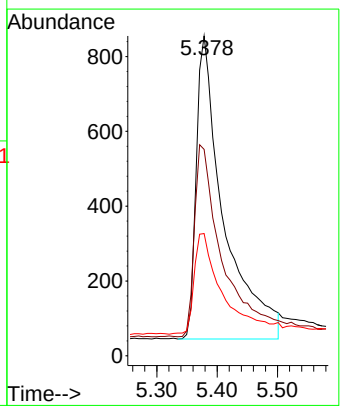


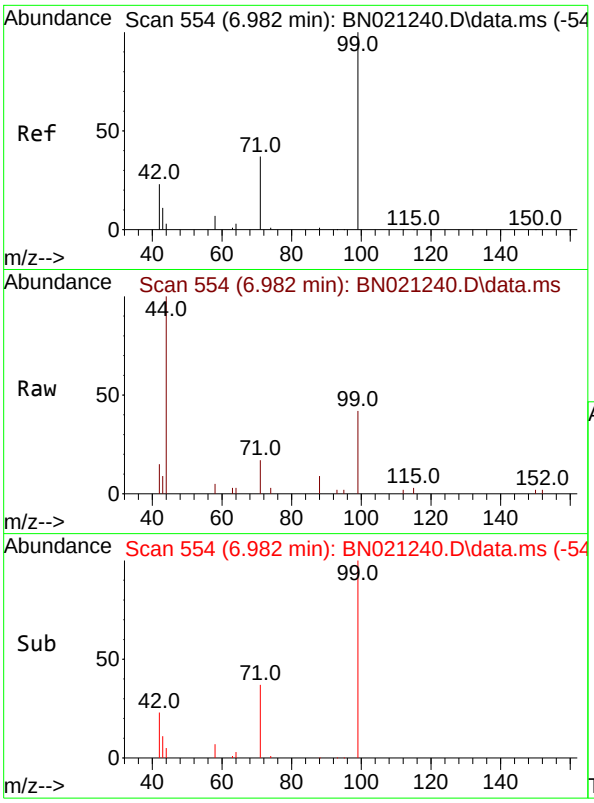


#4
2-Fluorophenol
Concen: 0.336 ng
RT: 5.378 min Scan# 332
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Tgt Ion:112 Resp: 2550

Ion	Ratio	Lower	Upper
112	100		
64	65.0	52.0	78.0
63	34.4	27.5	41.3



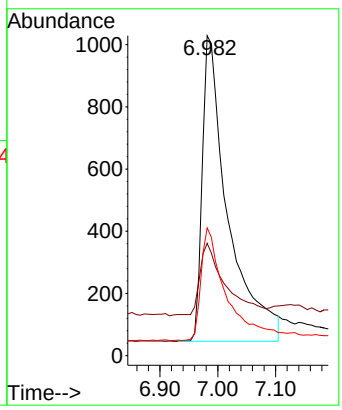


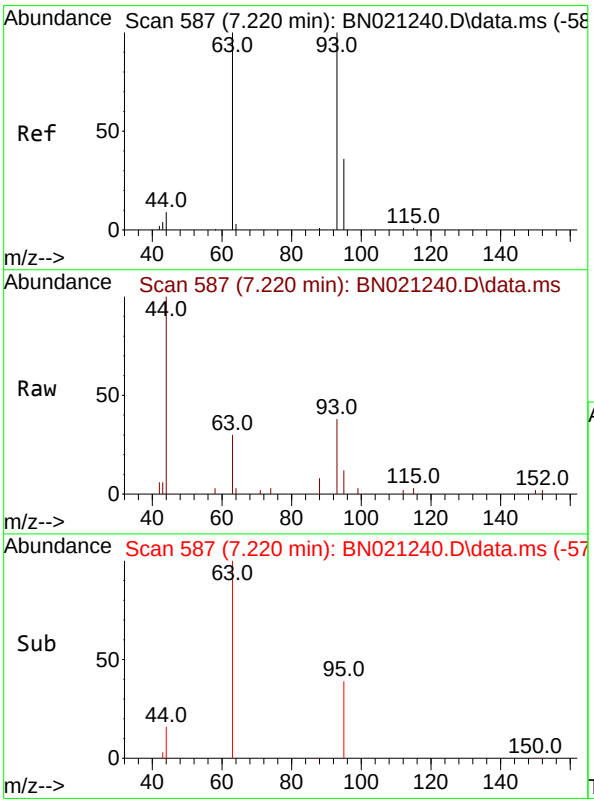
#5
Phenol-d6
Concen: 0.341 ng
RT: 6.982 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 3033

Ion	Ratio	Lower	Upper
99	100		
42	23.9	19.1	28.7
71	36.1	28.9	43.3

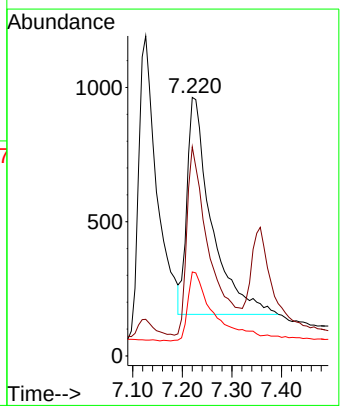


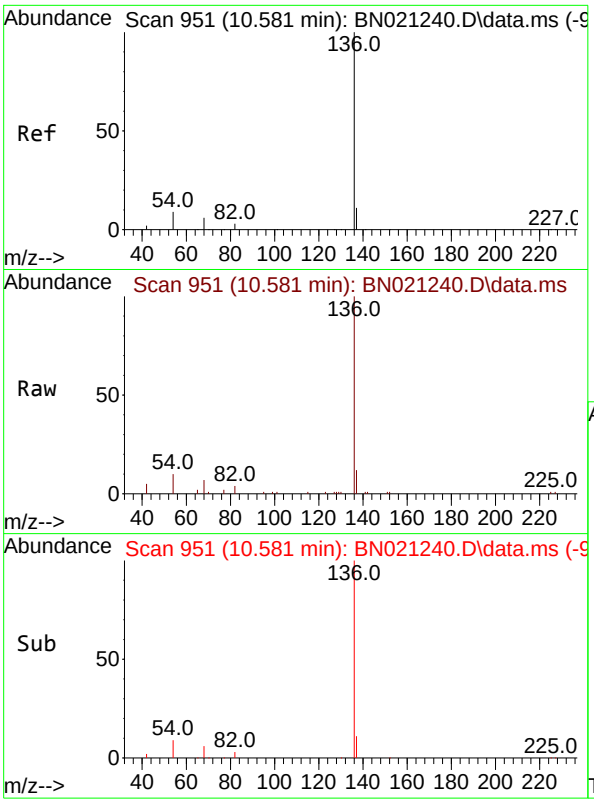


#6
bis(2-Chloroethyl)ether
Concen: 0.359 ng
RT: 7.220 min Scan# 587
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Tgt Ion: 93 Resp: 2760

Ion	Ratio	Lower	Upper
93	100		
63	80.9	67.8	101.8
95	34.6	28.7	43.1



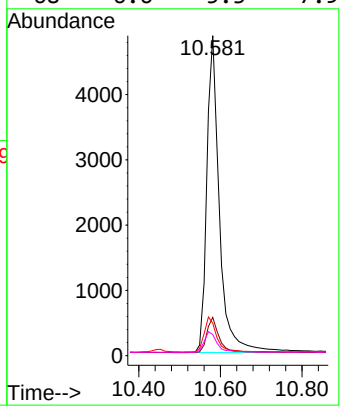


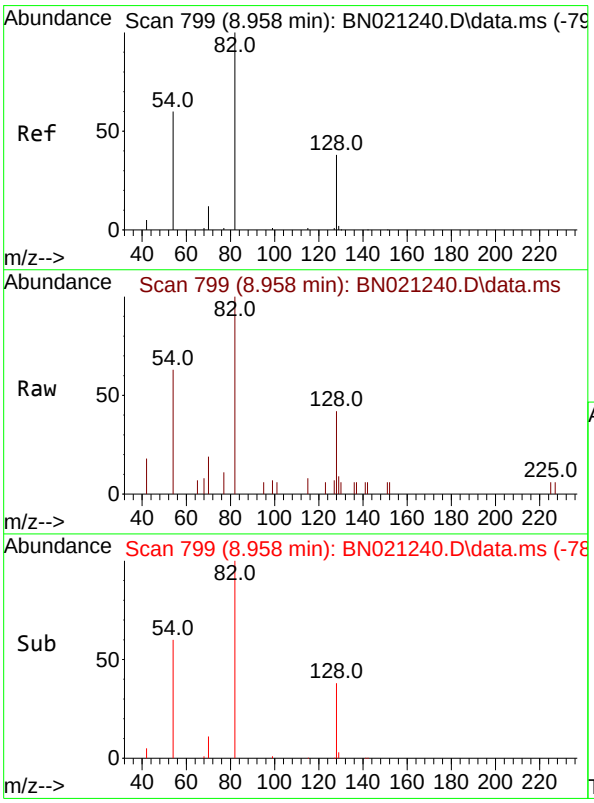
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.581 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 10400

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	10.2	8.2	12.2
68	6.6	5.3	7.9

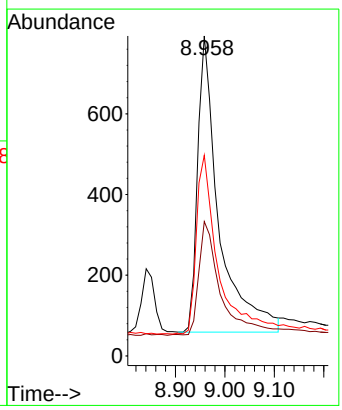


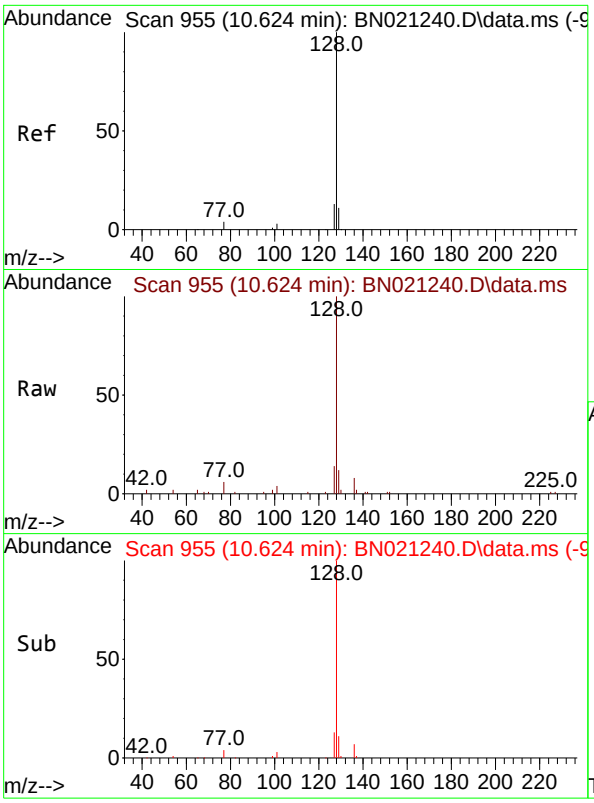


#8
Nitrobenzene-d5
Concen: 0.287 ng
RT: 8.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Tgt Ion: 82 Resp: 2195

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.6	50.4
54	62.7	50.2	75.2



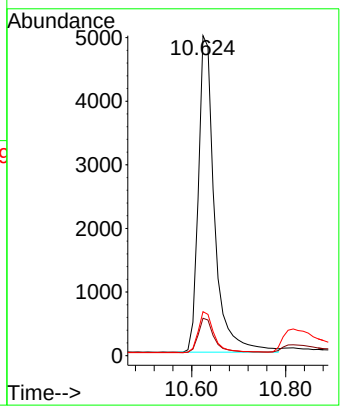


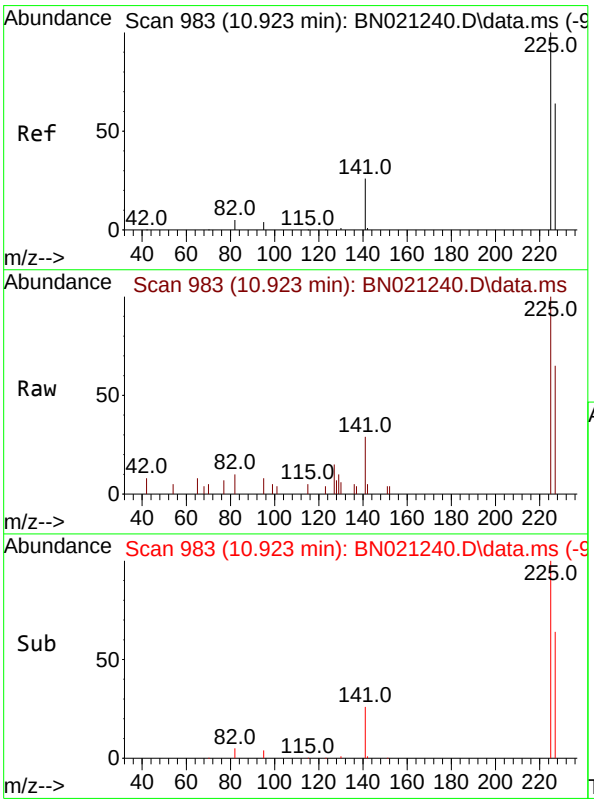
#9
Naphthalene
Concen: 0.381 ng
RT: 10.624 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 11871

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	13.8	11.0	16.6

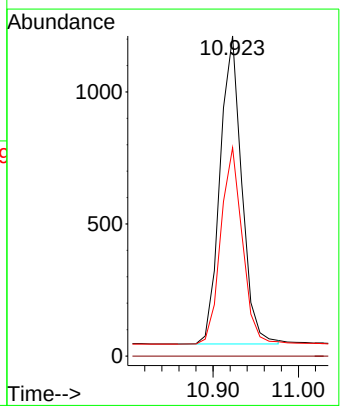


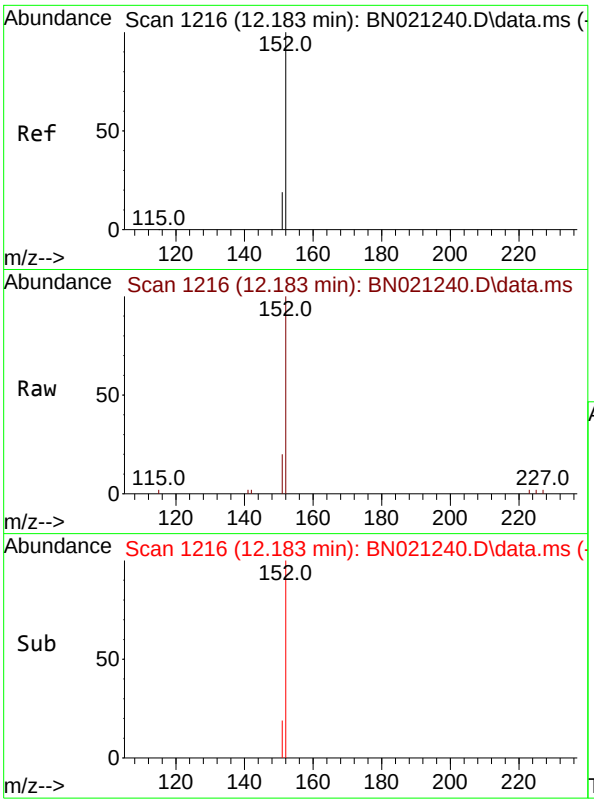


#10
Hexachlorobutadiene
Concen: 0.362 ng
RT: 10.923 min Scan# 983
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Tgt Ion:225 Resp: 2055

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.9	76.3



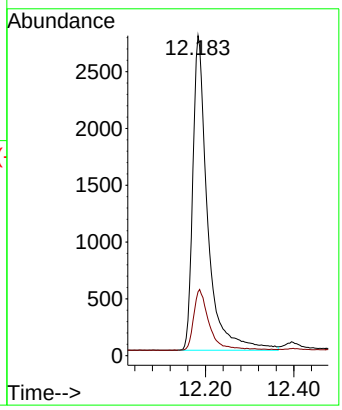


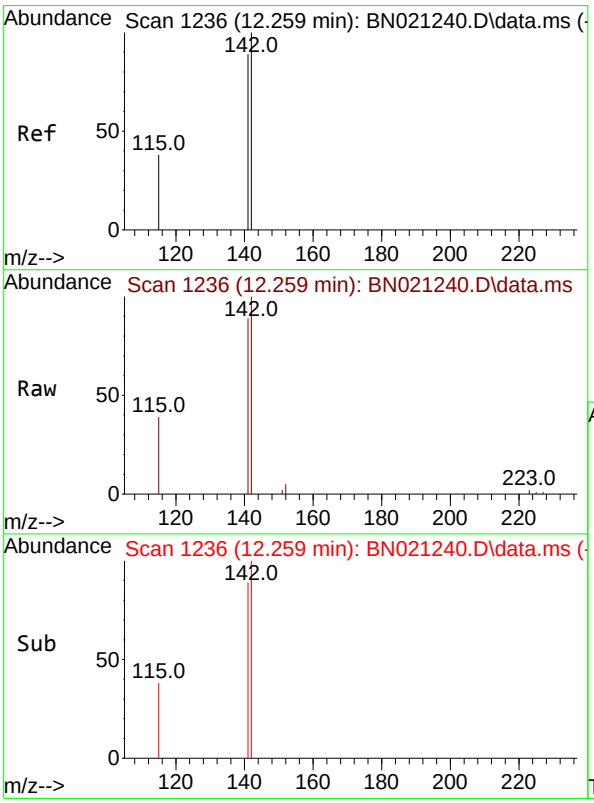
#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 12.183 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 6448

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8

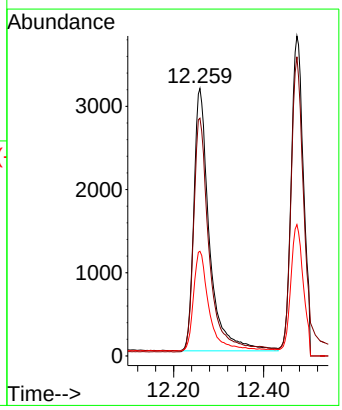


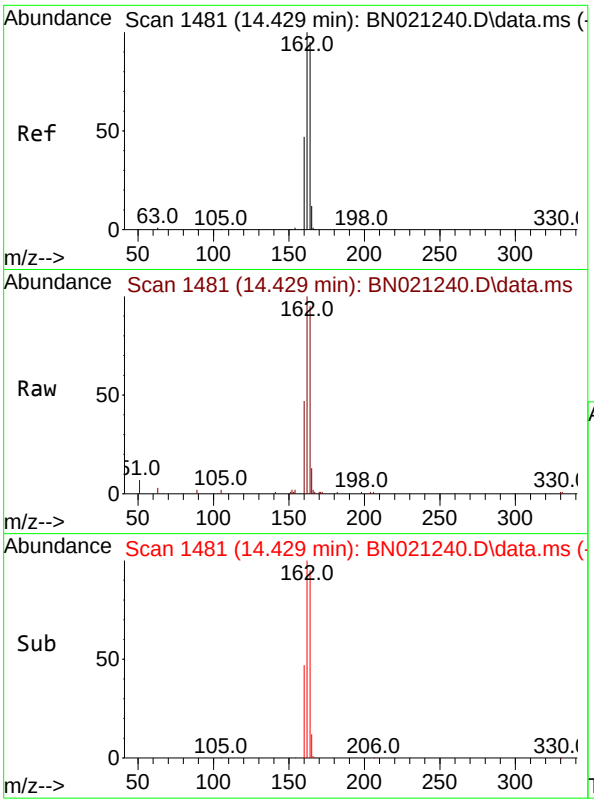


#12
2-Methylnaphthalene
Concen: 0.373 ng
RT: 12.259 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Tgt Ion:142 Resp: 7611

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6
115	39.1	31.3	46.9



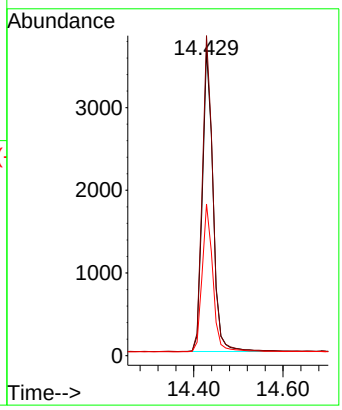


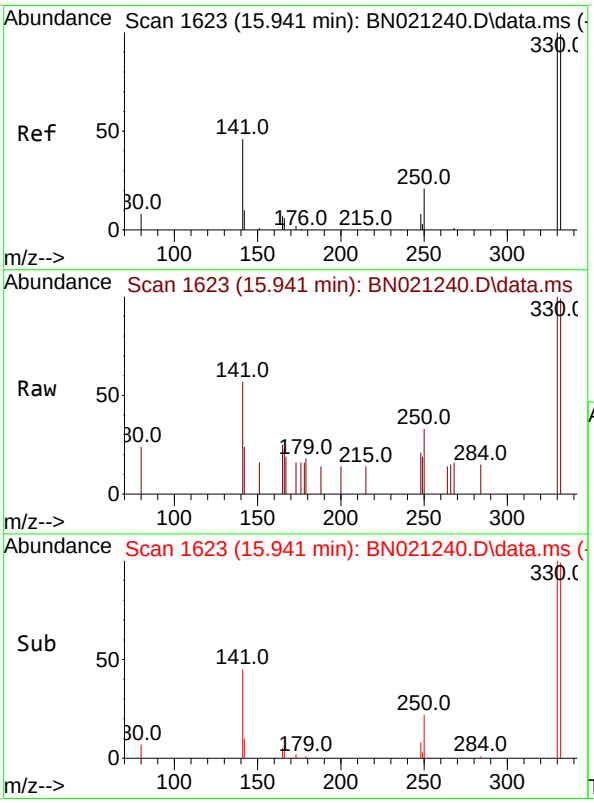
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.429 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 6042

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.8	125.6
160	49.7	39.8	59.6

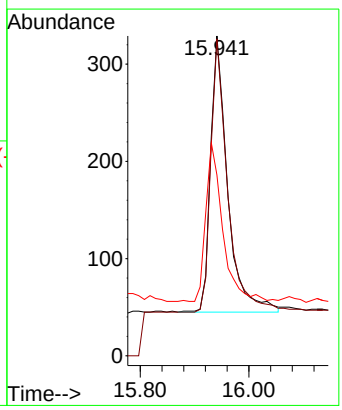


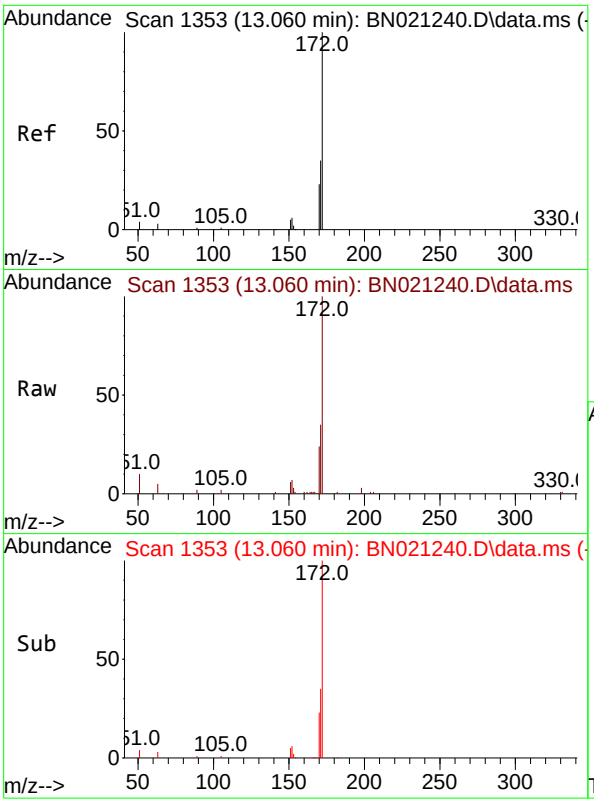


#14
2,4,6-Tribromophenol
Concen: 0.286 ng
RT: 15.941 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Tgt Ion:330 Resp: 620

Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.1	117.1
141	56.8	45.4	68.0



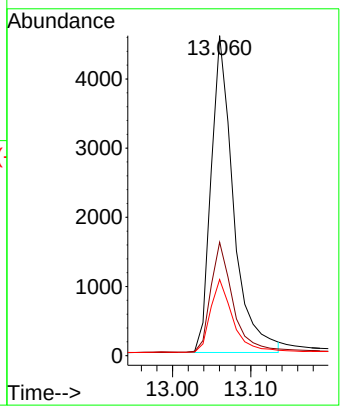


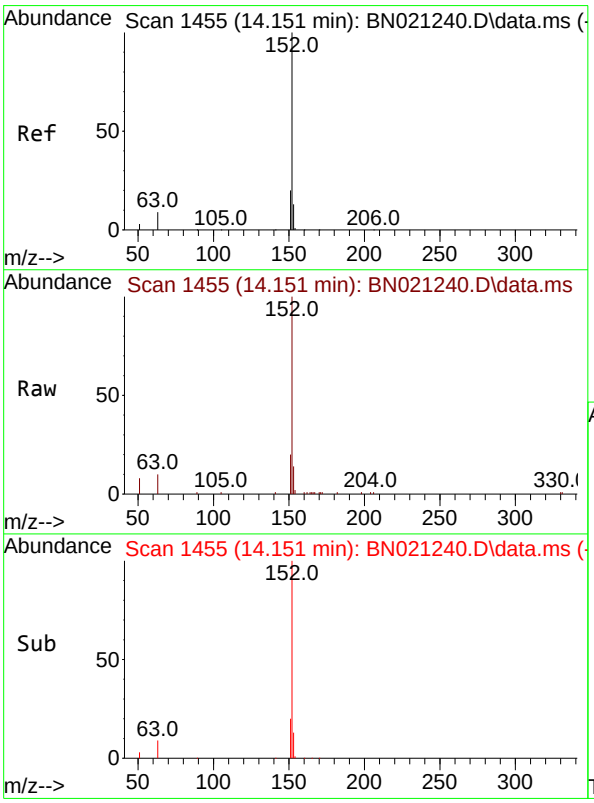
#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 13.060 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 9115

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.4	42.6
170	23.8	19.0	28.6

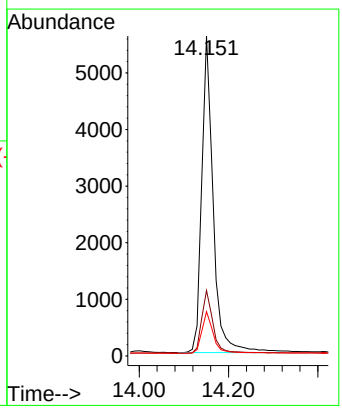


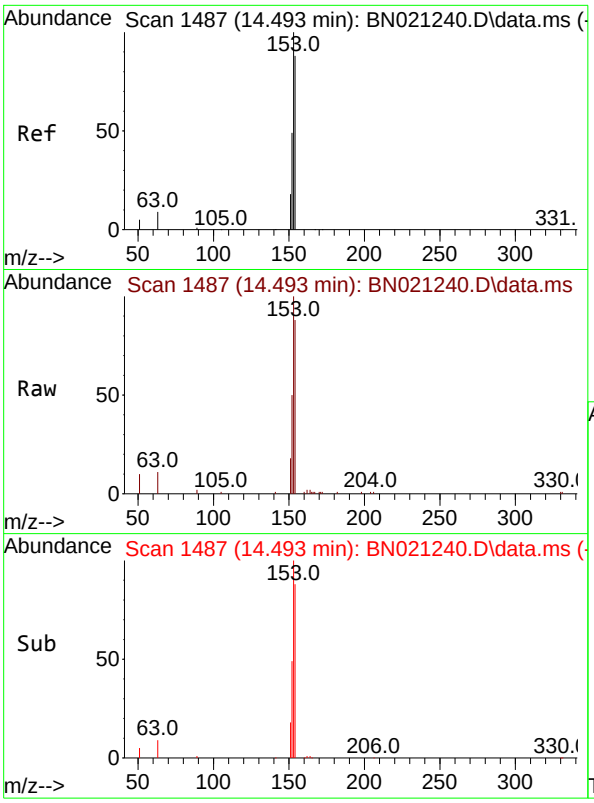


#16
Acenaphthylene
Concen: 0.344 ng
RT: 14.151 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Tgt Ion:152 Resp: 9978

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.0	10.4	15.6



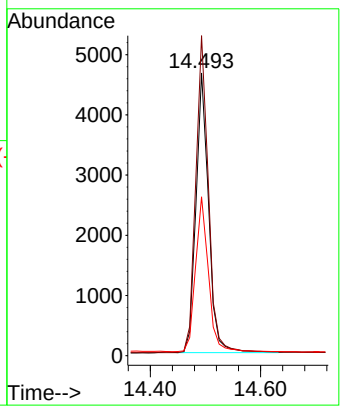


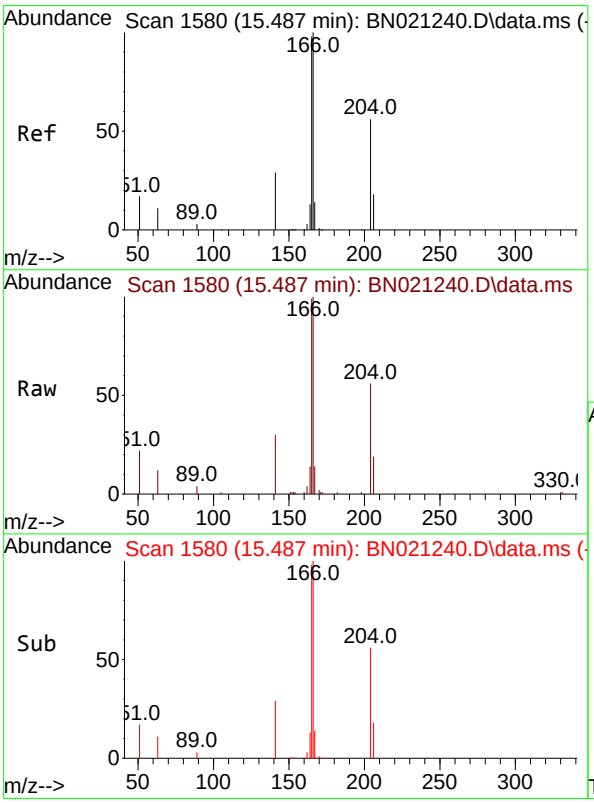
#17
Acenaphthene
Concen: 0.375 ng
RT: 14.493 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 7393

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.5	137.3
152	56.5	45.2	67.8

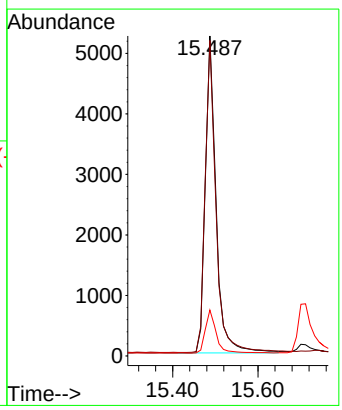


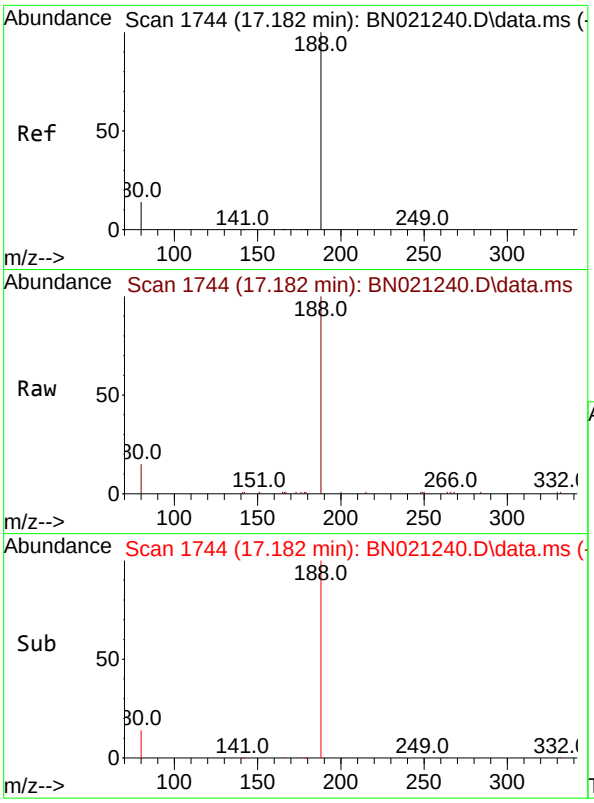


#18
Fluorene
Concen: 0.362 ng
RT: 15.487 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Tgt Ion:166 Resp: 9186

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.8	118.2
167	13.7	11.0	16.4



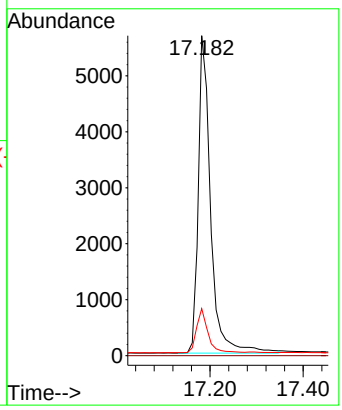


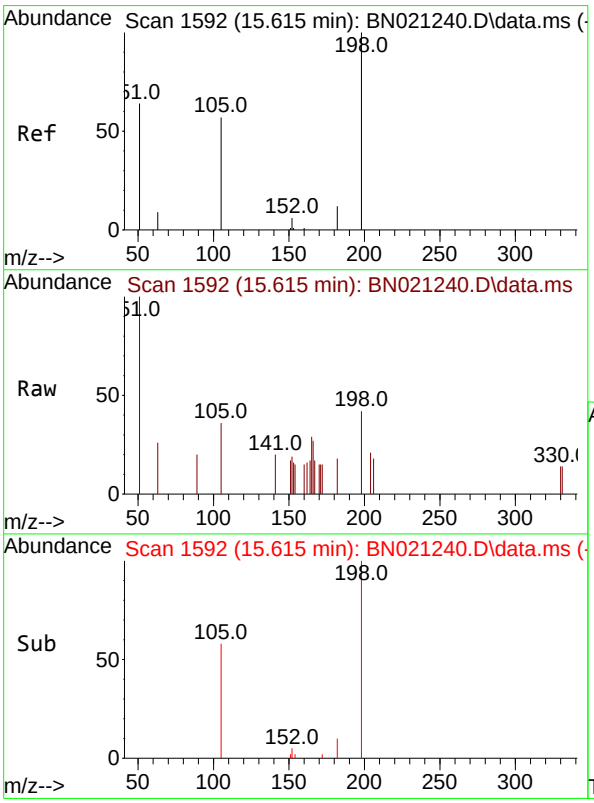
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.182 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 10456

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.7	11.8	17.6

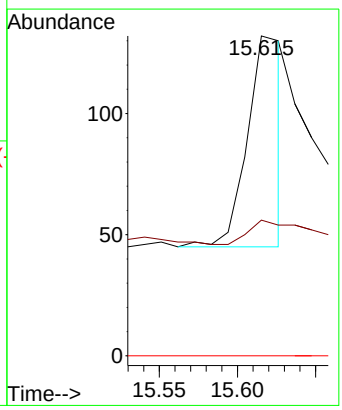


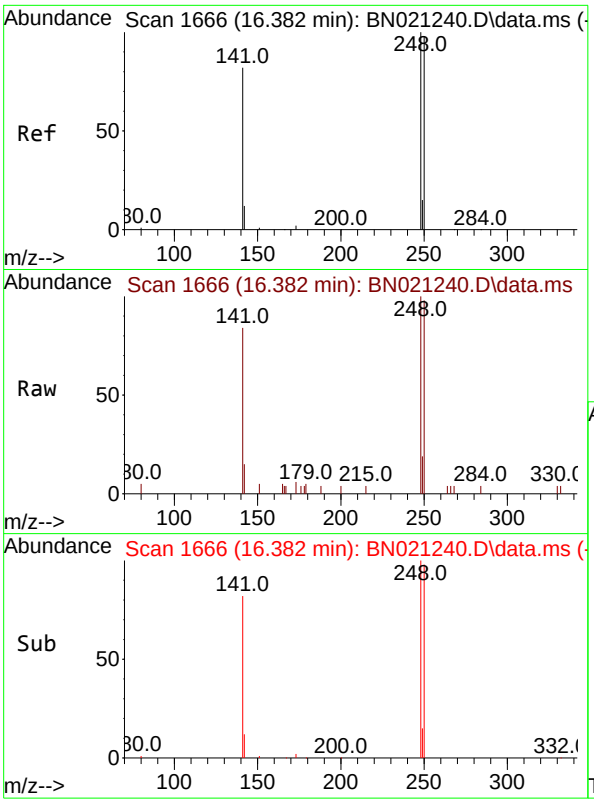


#20
4,6-Dinitro-2-methylphenol
Concen: 0.117 ng
RT: 15.615 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Tgt Ion:198 Resp: 140

Ion	Ratio	Lower	Upper
198	100		
182	42.4	33.9	50.9
77	0.0	0.0	0.0



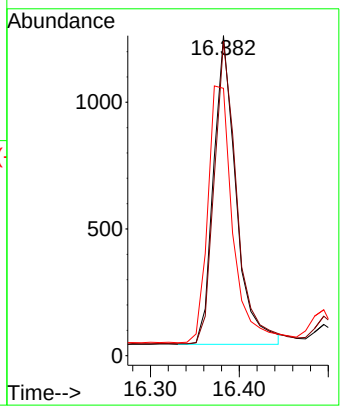


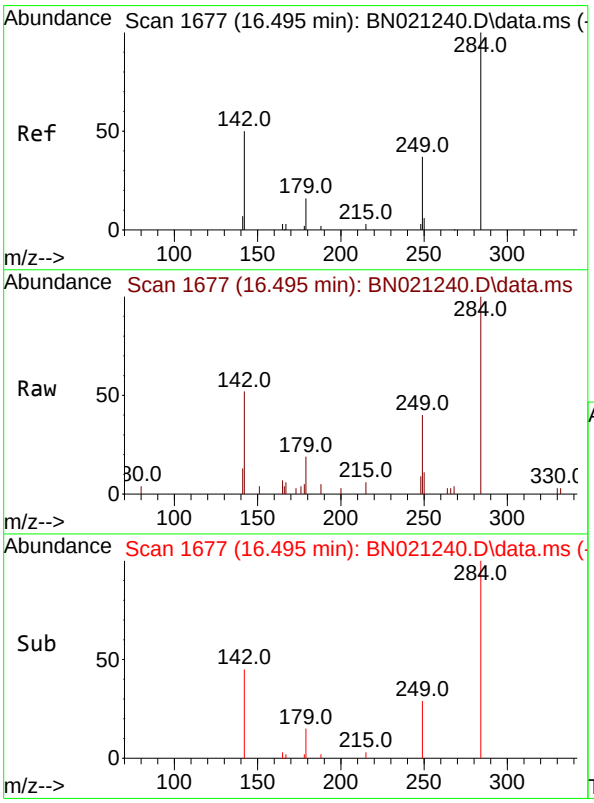
#21
4-Bromophenyl-phenylether
Concen: 0.358 ng
RT: 16.382 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:248 Resp: 2143

Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.6	117.8
141	83.5	66.8	100.2

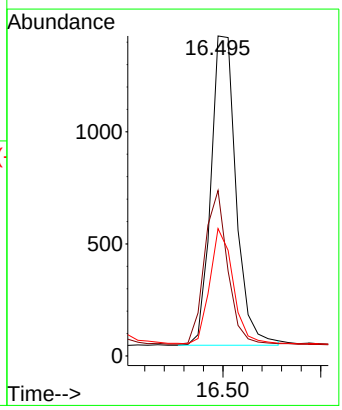


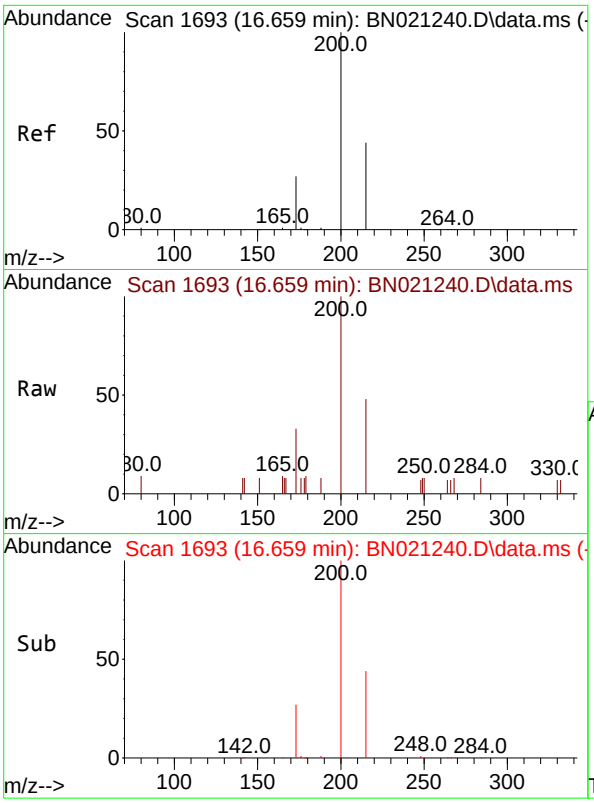


#22
Hexachlorobenzene
Concen: 0.364 ng
RT: 16.495 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Tgt Ion:284 Resp: 2470

Ion	Ratio	Lower	Upper
284	100		
142	45.0	36.0	54.0
249	33.8	27.0	40.6



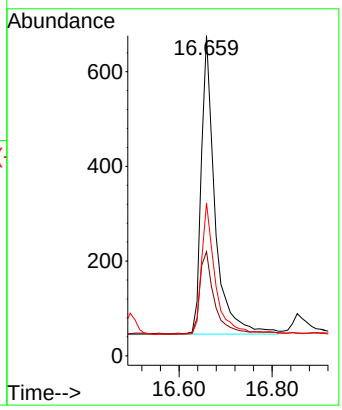


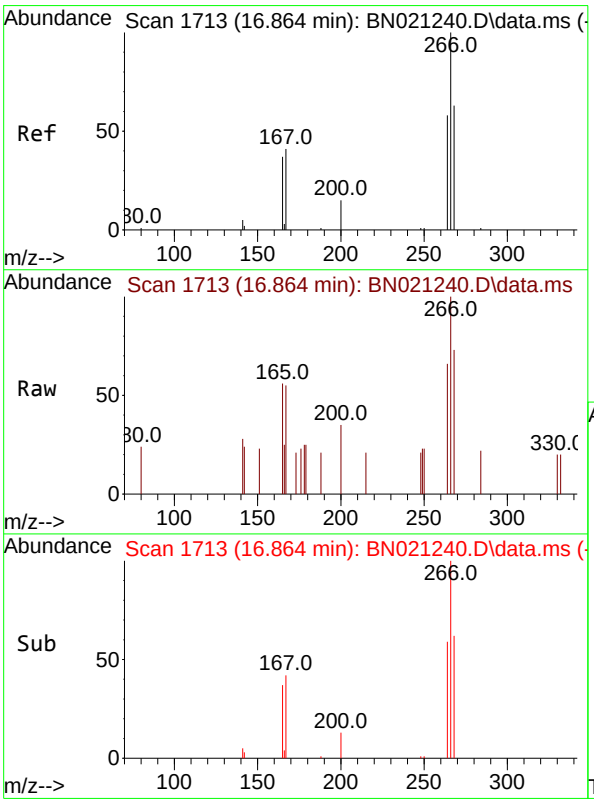
#23
Atrazine
Concen: 0.276 ng
RT: 16.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:200 Resp: 1285

Ion	Ratio	Lower	Upper
200	100		
173	32.5	26.0	39.0
215	47.8	38.2	57.4

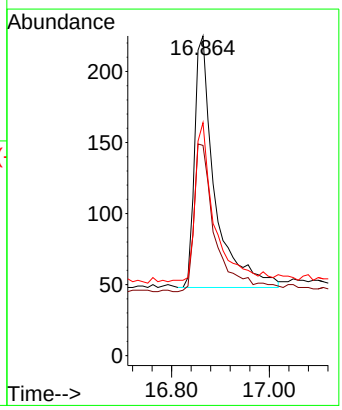


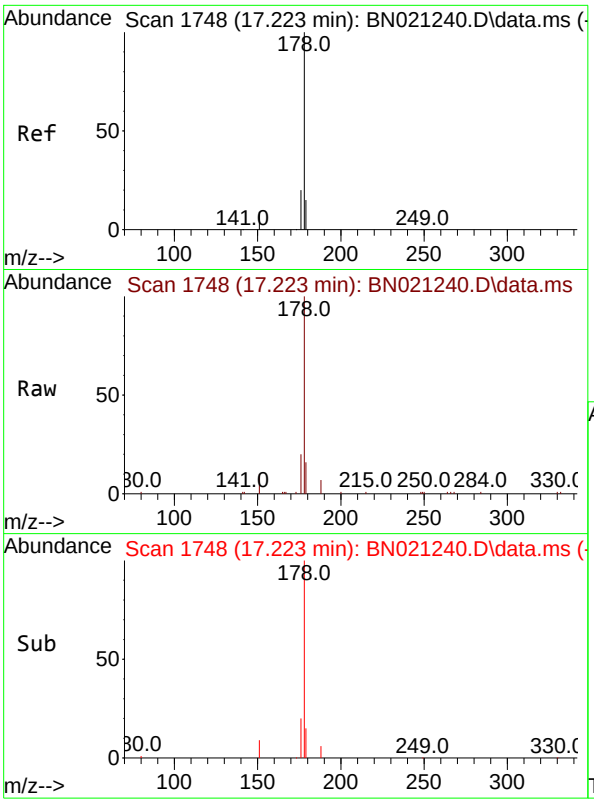


#24
Pentachlorophenol
Concen: 0.311 ng
RT: 16.864 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Tgt Ion:266 Resp: 506

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.0	75.0
268	58.9	47.1	70.7



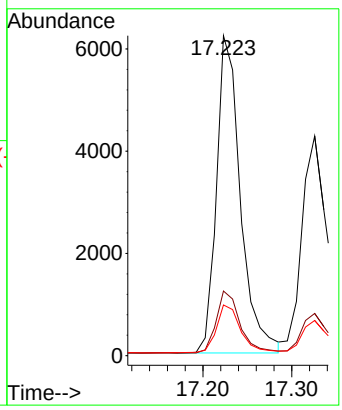


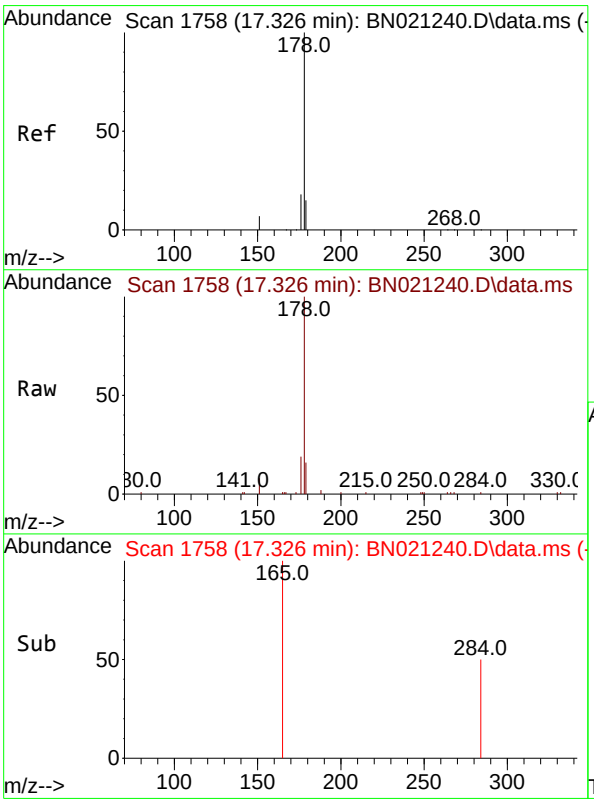
#25
Phenanthrene
Concen: 0.334 ng
RT: 17.223 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 11630

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.3	12.2	18.4

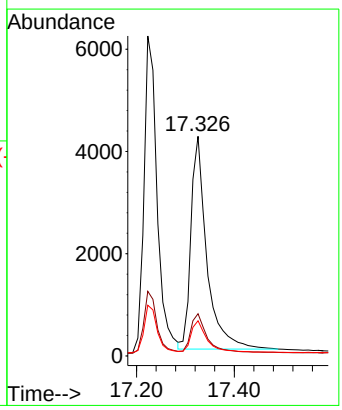


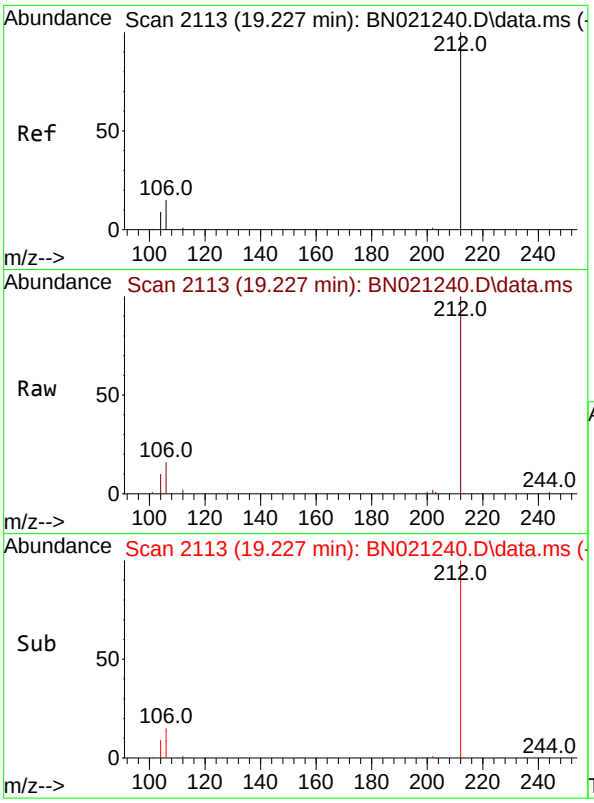


#26
Anthracene
Concen: 0.313 ng
RT: 17.326 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Tgt Ion:178 Resp: 9413

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	14.7	11.7	17.5



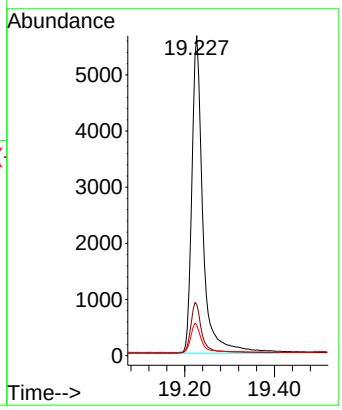


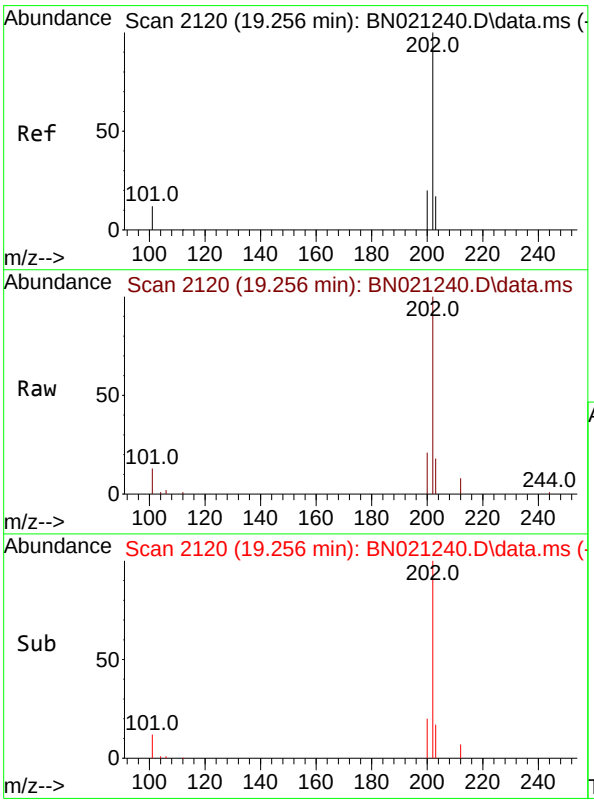
#27
Fluoranthene-d10
Concen: 0.317 ng
RT: 19.227 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 9707

Ion	Ratio	Lower	Upper
212	100		
106	15.7	12.6	18.8
104	9.0	7.2	10.8

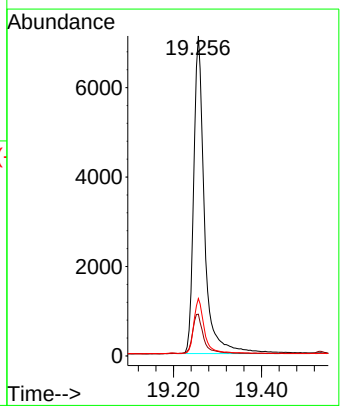


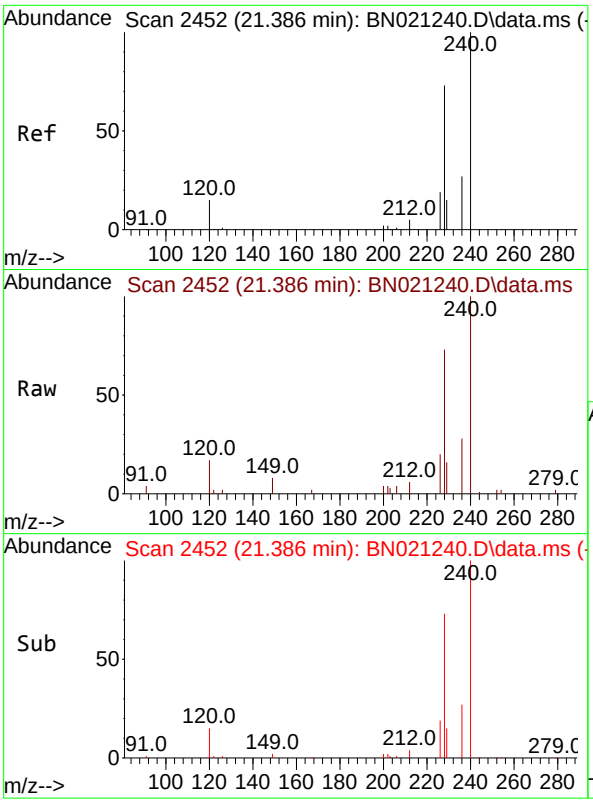


#28
Fluoranthene
Concen: 0.319 ng
RT: 19.256 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Tgt Ion:202 Resp: 12128

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.1	15.1
203	16.6	13.3	19.9



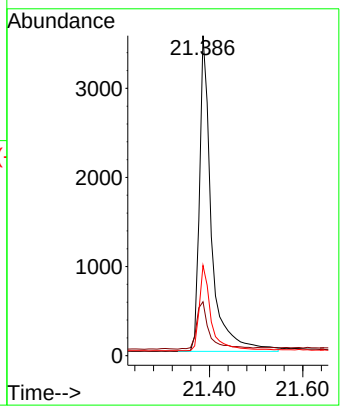


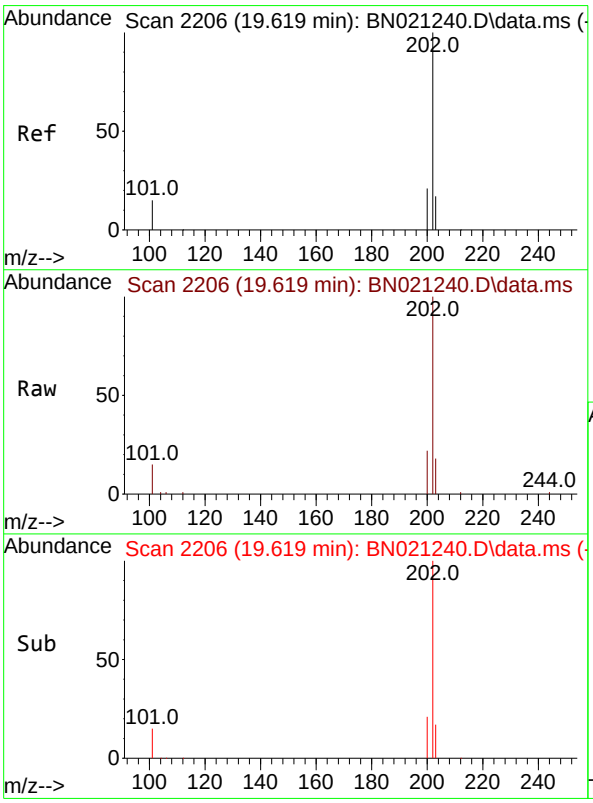
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.386 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 6330

Ion	Ratio	Lower	Upper
240	100		
120	16.8	13.4	20.2
236	28.2	22.6	33.8

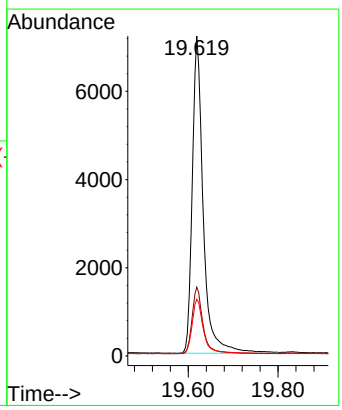


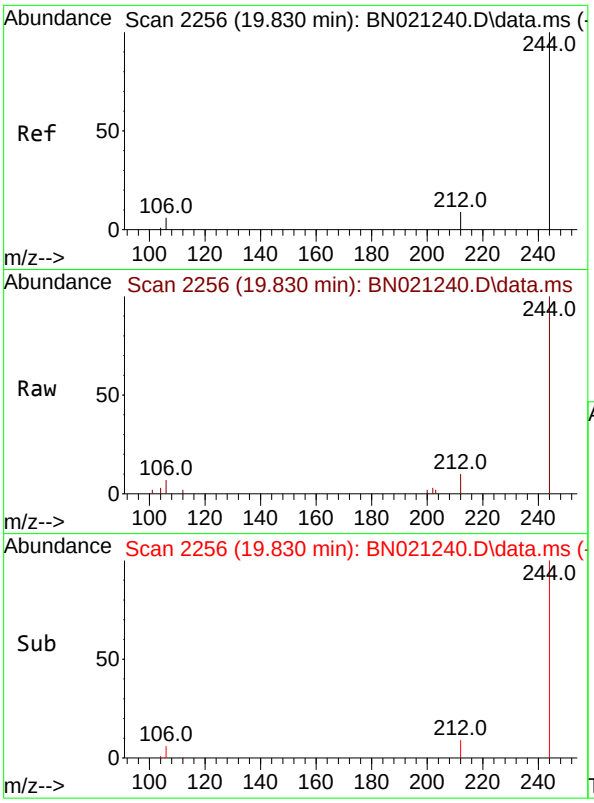


#30
Pyrene
Concen: 0.440 ng
RT: 19.619 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Tgt Ion:202 Resp: 12186

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	17.8	14.2	21.4



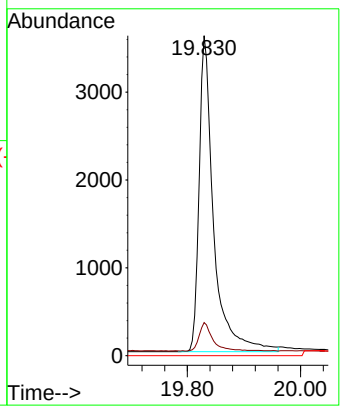


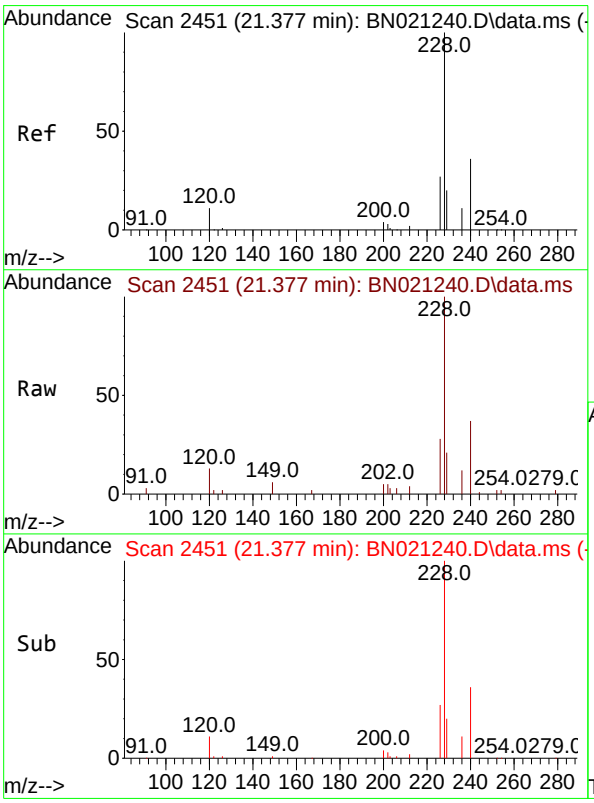
#31
Terphenyl-d14
Concen: 0.415 ng
RT: 19.830 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 6411

Ion	Ratio	Lower	Upper
244	100		
212	10.4	8.3	12.5
122	0.0	0.0	0.0

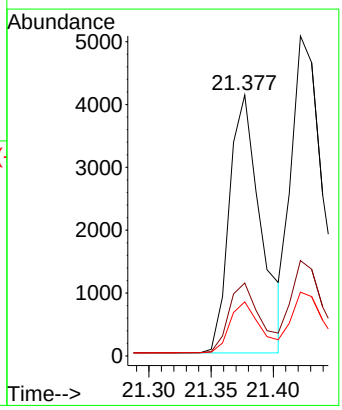


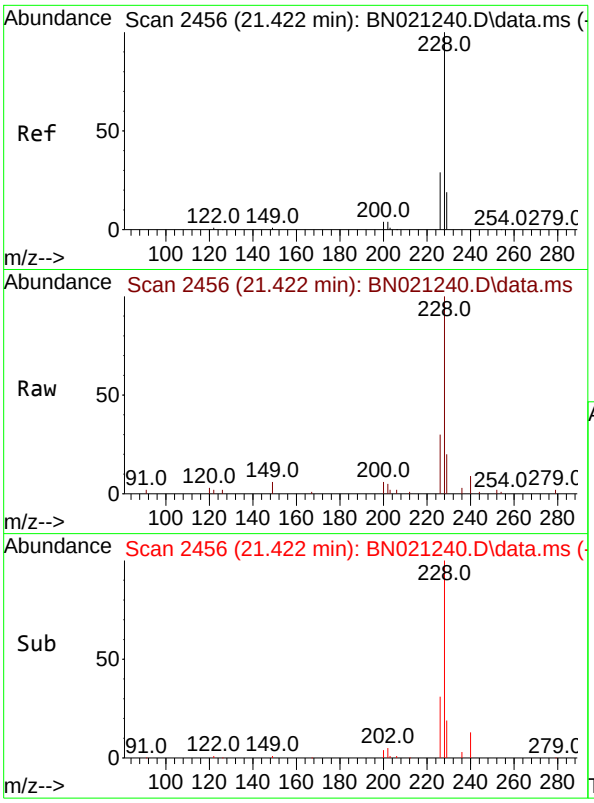


#32
Benzo(a)anthracene
Concen: 0.330 ng
RT: 21.377 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Tgt Ion:228 Resp: 7221

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.4	33.6
229	20.7	16.6	24.8



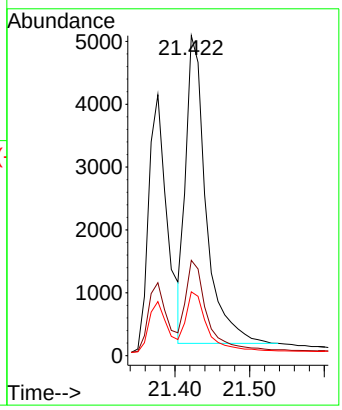


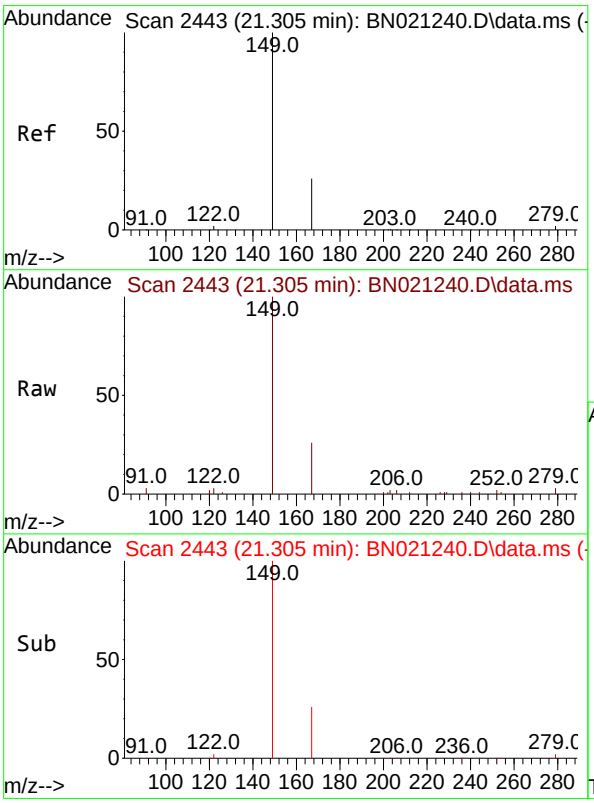
#33
Chrysene
Concen: 0.367 ng
RT: 21.422 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 9262

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.9	15.9	23.9

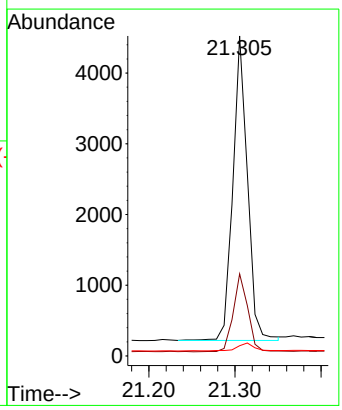


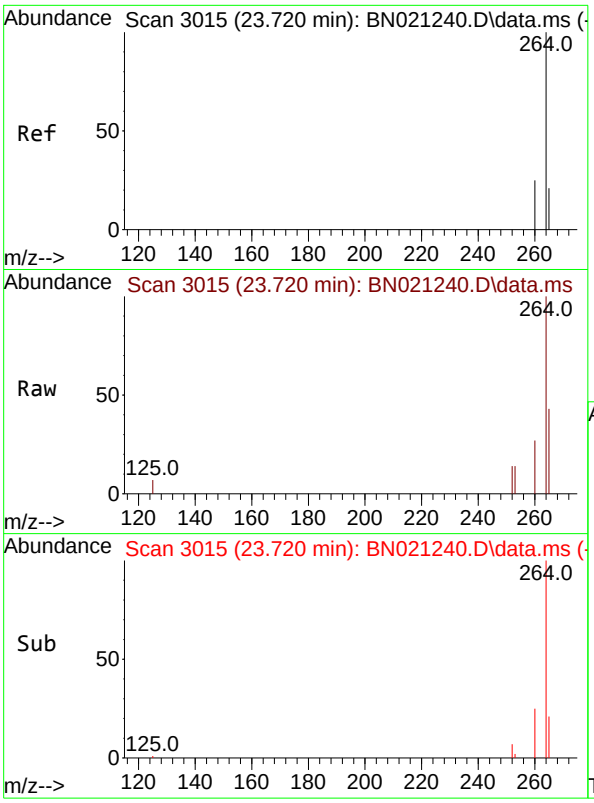


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.396 ng
RT: 21.305 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Tgt Ion:149 Resp: 5063

Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.6	31.0
279	3.0	2.4	3.6



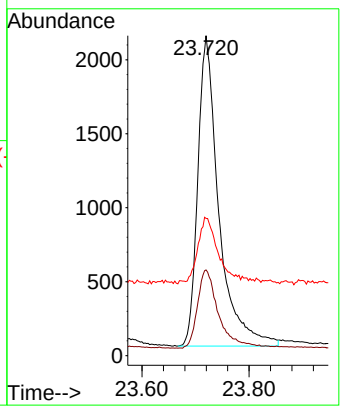


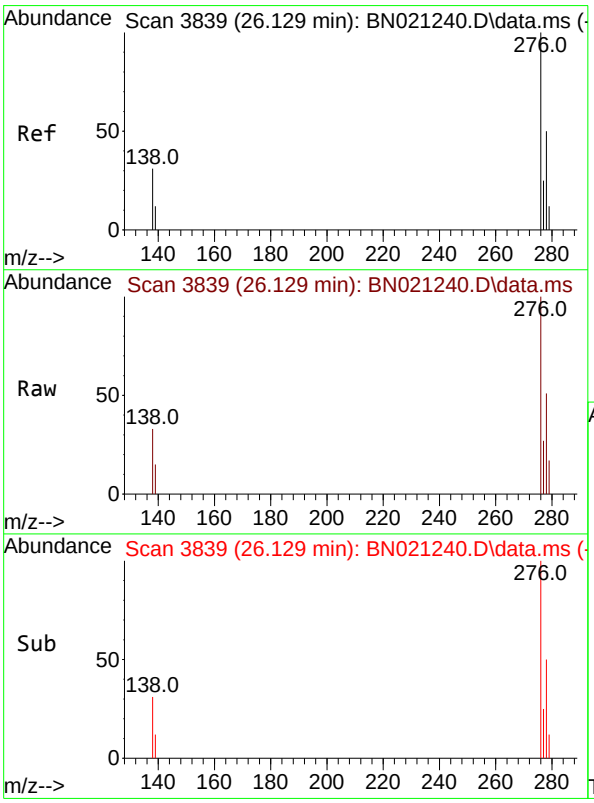
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.720 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:264 Resp: 5714

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.4	32.2
265	42.9	34.3	51.5

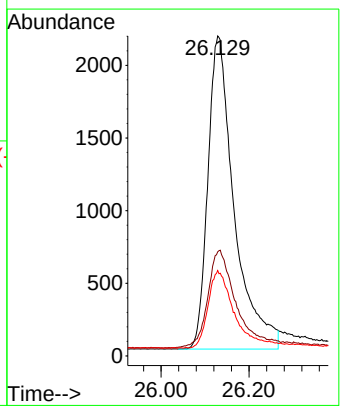


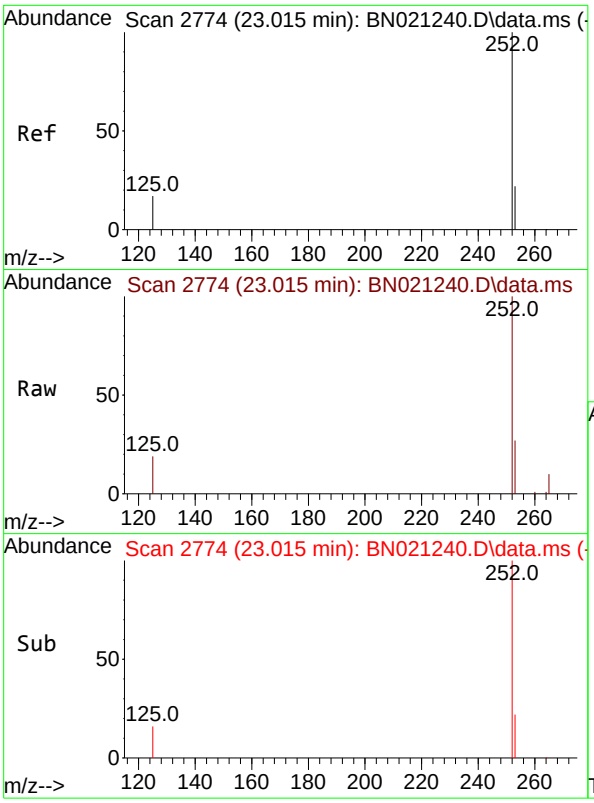


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng
RT: 26.129 min Scan# 3839
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Tgt Ion:276 Resp: 8960

Ion	Ratio	Lower	Upper
276	100		
138	32.5	24.2	36.2
277	24.2	19.1	28.7



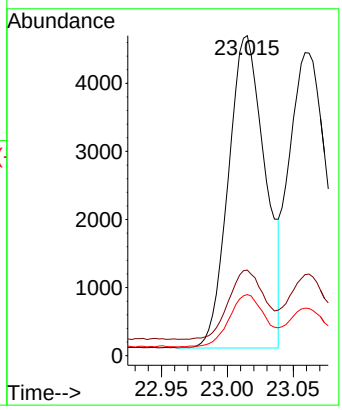


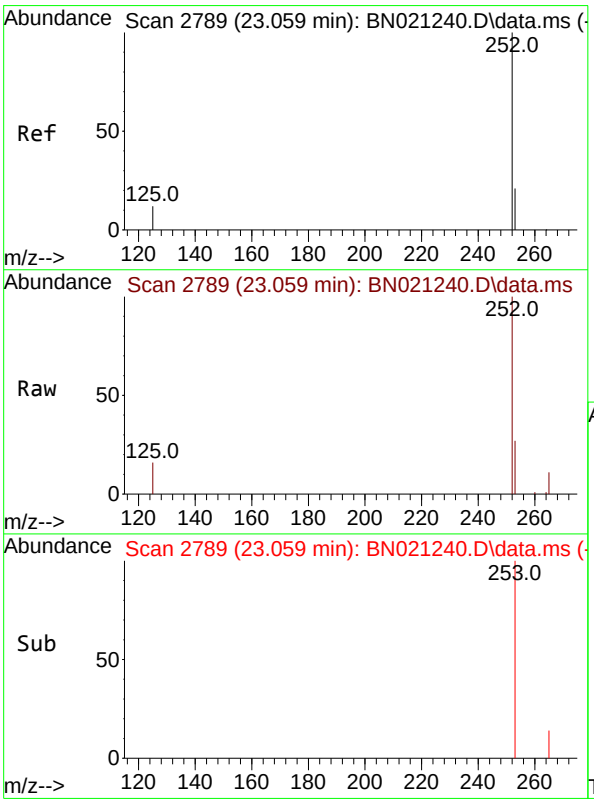
#37
Benzo(b)fluoranthene
Concen: 0.403 ng
RT: 23.015 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 8890

Ion	Ratio	Lower	Upper
252	100		
253	26.7	21.4	32.0
125	19.1	15.3	22.9

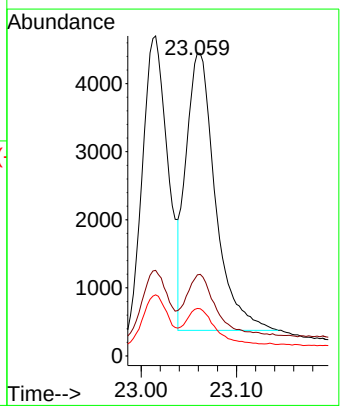


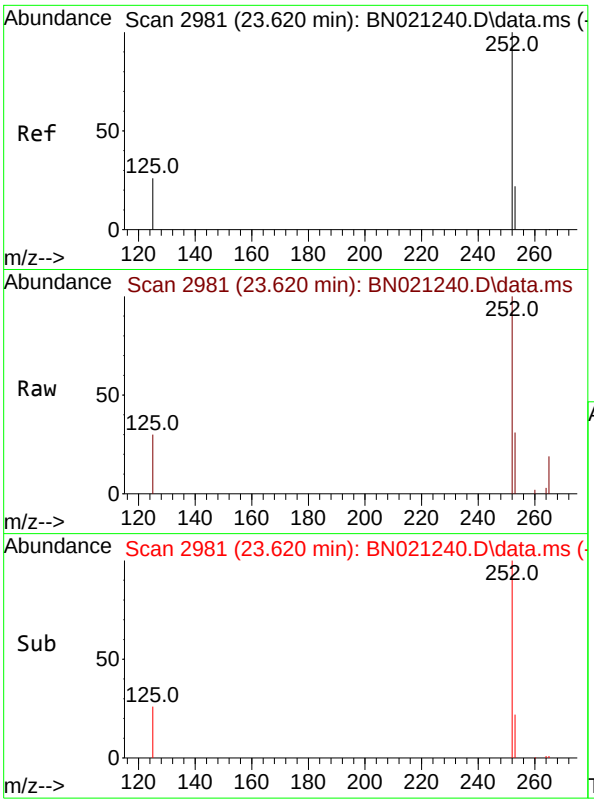


#38
Benzo(k)fluoranthene
Concen: 0.376 ng
RT: 23.059 min Scan# 2789
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Tgt Ion:252 Resp: 8710

Ion	Ratio	Lower	Upper
252	100		
253	26.8	21.4	32.2
125	15.7	12.6	18.8



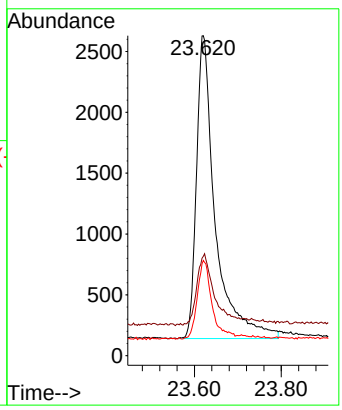


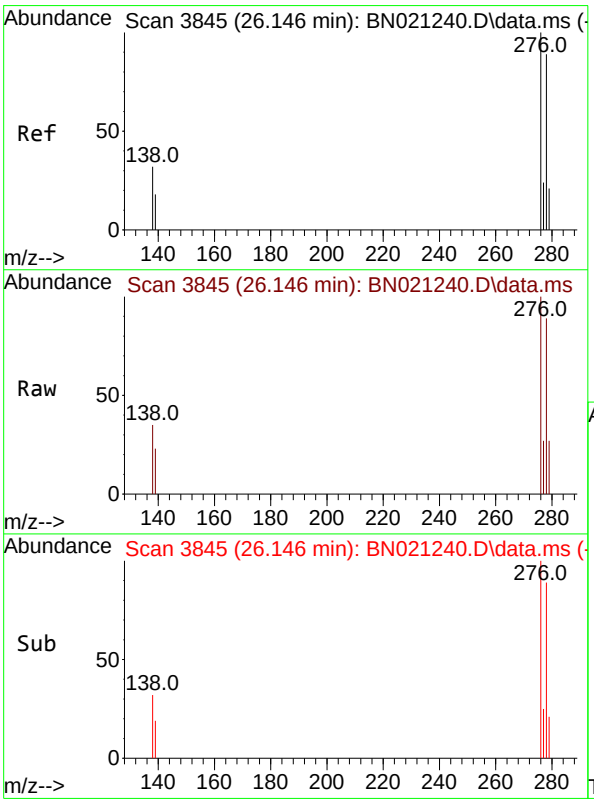
#39
Benzo(a)pyrene
Concen: 0.393 ng
RT: 23.620 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 7468

Ion	Ratio	Lower	Upper
252	100		
253	31.0	24.8	37.2
125	29.7	23.8	35.6

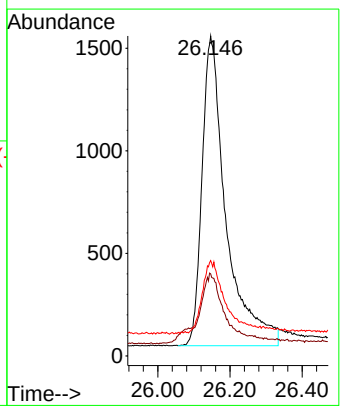


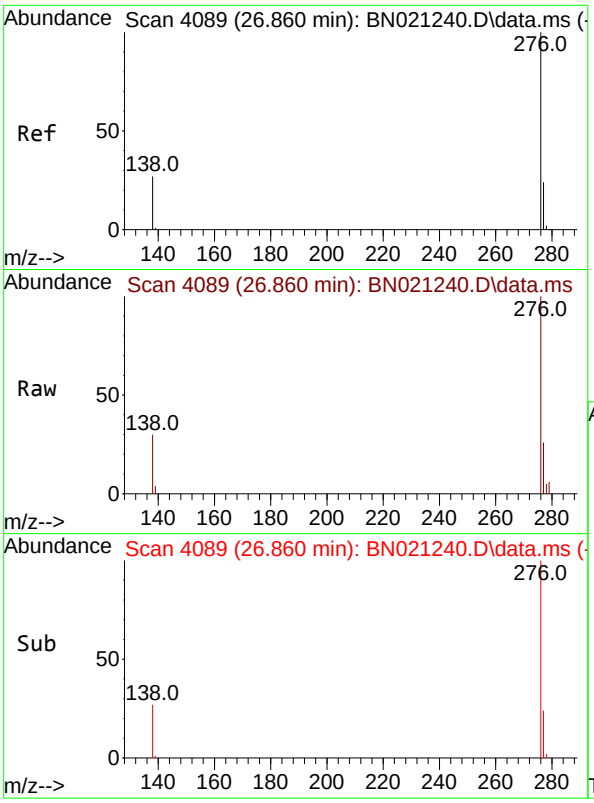


#40
Dibenzo(a,h)anthracene
Concen: 0.346 ng
RT: 26.146 min Scan# 3845
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Tgt Ion:278 Resp: 6976

Ion	Ratio	Lower	Upper
278	100		
139	25.6	20.5	30.7
279	29.8	23.8	35.8





#41
Benzo(g,h,i)perylene
Concen: 0.368 ng
RT: 26.860 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN021240.D
Acq: 15 Aug 2022 18:03

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 8202

Ion	Ratio	Lower	Upper
276	100		
277	26.2	21.0	31.4
138	29.7	23.8	35.6