Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110322\
Data File : BN022477.D
Acq On : 03 Nov 2022 14:04
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Nov 04 03:10:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 03:06:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.920	152	2351	0.400	ng		0.00
7) Naphthalene-d8	10.752	136	8557	0.400	ng		0.00
13) Acenaphthene-d10	14.600	164	5378	0.400	ng		0.00
19) Phenanthrene-d10	17.350	188	11606	0.400	ng		0.00
29) Chrysene-d12	21.564	240	10261	0.400	ng		0.00
35) Perylene-d12	24.014	264	10219	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.450	112	2763	0.441	ng		0.00
5) Phenol-d6	7.090	99	3459	0.441	ng		0.00
8) Nitrobenzene-d5	9.108	82	2883	0.390	ng		0.00
11) 2-Methylnaphthalene-d10	12.349	152	5389	0.401	ng		0.00
14) 2,4,6-Tribromophenol	16.096	330	1077	0.466	ng		0.00
15) 2-Fluorobiphenyl	13.221	172	9208	0.400	ng		0.00
27) Fluoranthene-d10	19.394	212	12367	0.386	ng		0.00
31) Terphenyl-d14	19.993	244	12731	0.476	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	1446	0.439	ng		100
3) n-Nitrosodimethylamine	3.616	42	1435	0.410	ng		100
6) bis(2-Chloroethyl)ether	7.350	93	3022	0.401	ng		100
9) Naphthalene	10.795	128	10039	0.392	ng		100
10) Hexachlorobutadiene	11.083	225	1717	0.396	ng	#	100
12) 2-Methylnaphthalene	12.066	142	2183	0.429	ng		100
16) Acenaphthylene	14.322	152	10094	0.387	ng		100
17) Acenaphthene	14.664	154	6736	0.379	ng		100
18) Fluorene	15.647	166	9502	0.384	ng		100
20) 4,6-Dinitro-2-methylph...	15.749	198	563	0.303	ng		100
21) 4-Bromophenyl-phenylether	16.543	248	2702	0.386	ng		100
22) Hexachlorobenzene	16.655	284	3147	0.392	ng		100
23) Atrazine	16.816	200	2363	0.404	ng		100
24) Pentachlorophenol	17.015	266	1017	0.306	ng		100
25) Phenanthrene	17.400	178	14643	0.368	ng		100
26) Anthracene	17.486	178	12618	0.376	ng		100
28) Fluoranthene	19.428	202	16418	0.381	ng		100
30) Pyrene	19.791	202	16944	0.359	ng		100
32) Benzo(a)anthracene	21.546	228	16057	0.397	ng		100
33) Chrysene	21.600	228	16191	0.383	ng		100
34) Bis(2-ethylhexyl)phtha...	21.456	149	13065	0.422	ng		100
36) Indeno(1,2,3-cd)pyrene	26.587	276	18663	0.370	ng		100
37) Benzo(b)fluoranthene	23.260	252	15513	0.332	ng		100
38) Benzo(k)fluoranthene	23.309	252	15809	0.340	ng		100
39) Benzo(a)pyrene	23.903	252	13279	0.349	ng		100
40) Dibenzo(a,h)anthracene	26.607	278	14803	0.376	ng		100
41) Benzo(g,h,i)perylene	27.382	276	15818	0.380	ng		100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110322\
Data File : BN022477.D
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Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
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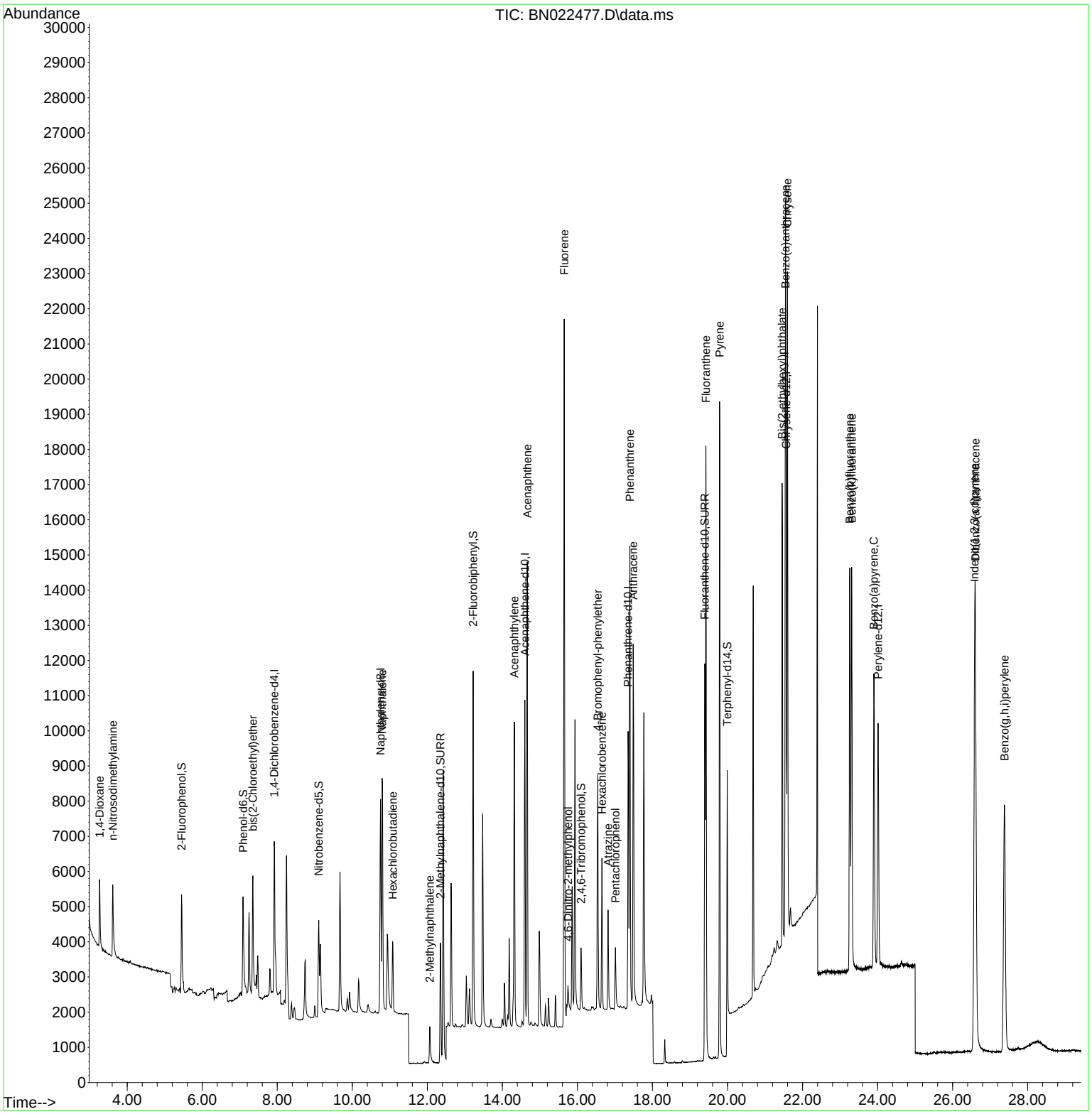
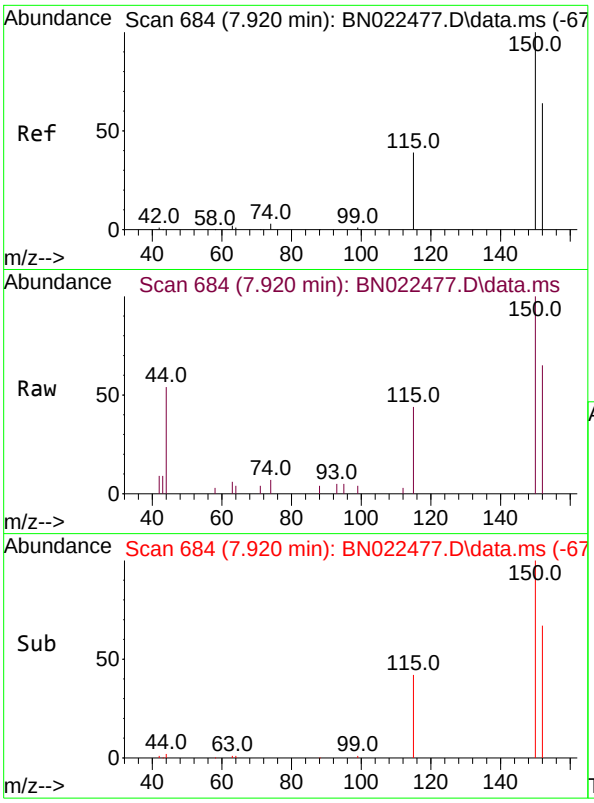
Quant Time: Nov 04 03:10:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 03:06:33 2022
Response via : Initial Calibration



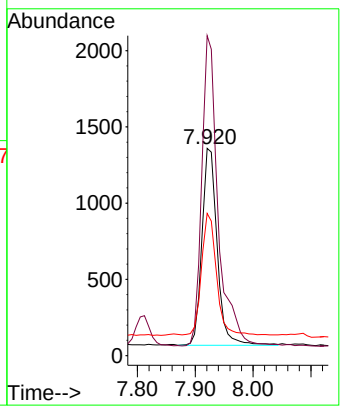


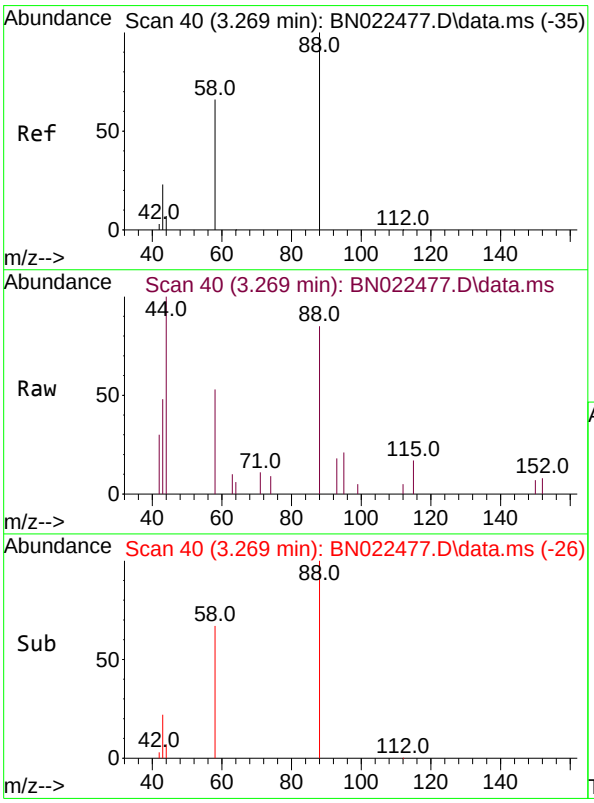
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.920 min Scan# 68
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 2351

Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.4	185.2
115	68.6	54.9	82.3

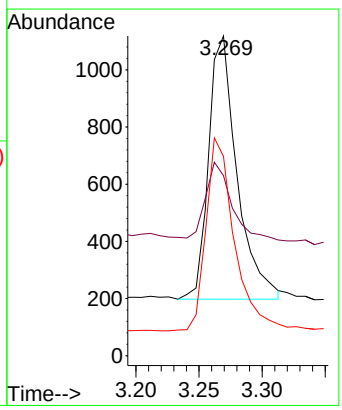


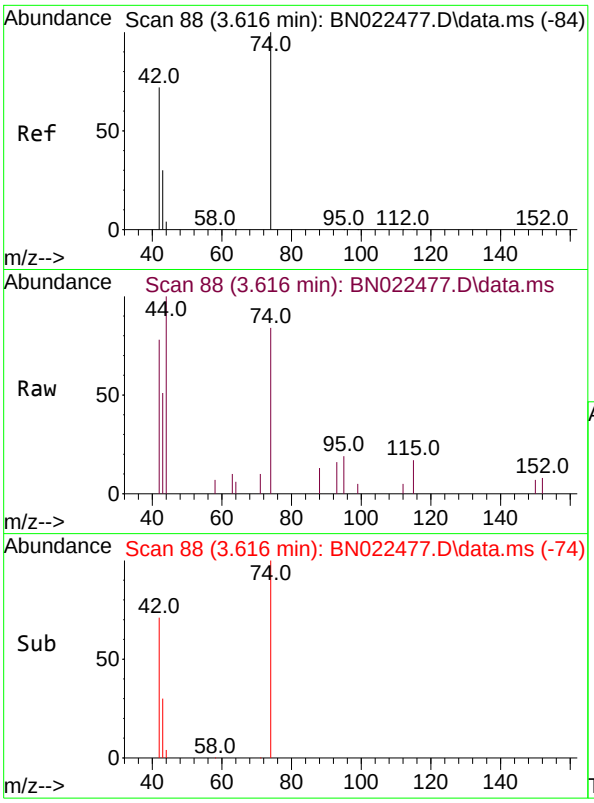


#2
1,4-Dioxane
Concen: 0.439 ng
RT: 3.269 min Scan# 40
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Tgt Ion: 88 Resp: 1446

Ion	Ratio	Lower	Upper
88	100		
43	26.7	21.4	32.0
58	73.0	58.4	87.6



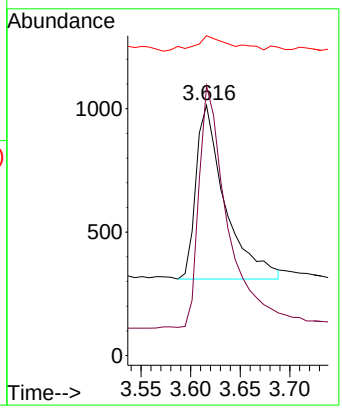


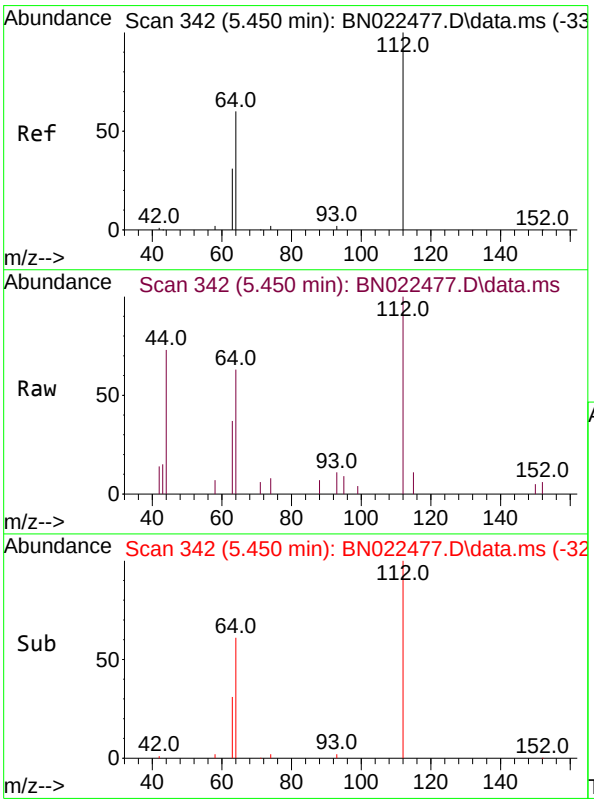
#3
n-Nitrosodimethylamine
Concen: 0.410 ng
RT: 3.616 min Scan# 88
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 1435

Ion	Ratio	Lower	Upper
42	100		
74	138.2	110.6	165.8
44	10.8	8.6	13.0

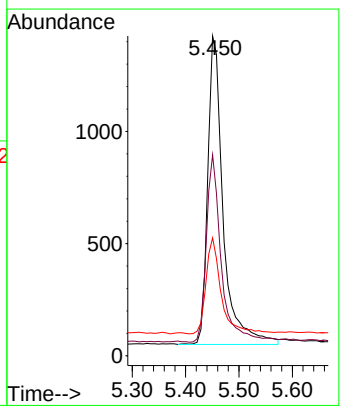


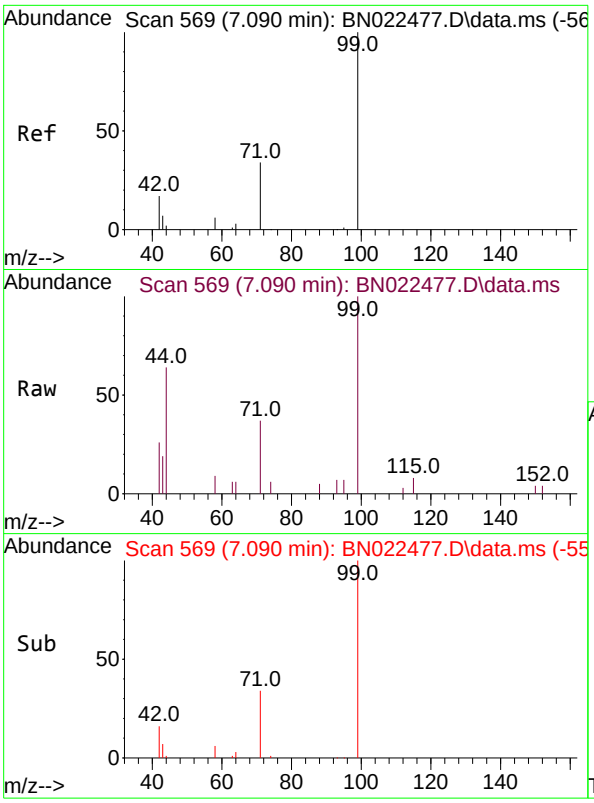


#4
2-Fluorophenol
Concen: 0.441 ng
RT: 5.450 min Scan# 342
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Tgt Ion:112 Resp: 2763

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.1	70.7
63	30.7	24.6	36.8



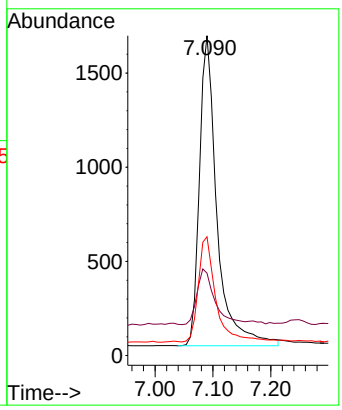


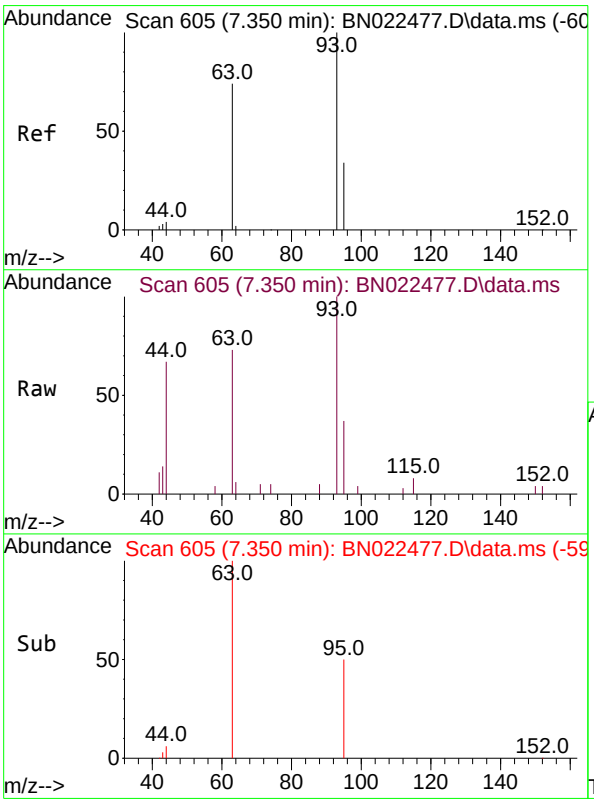
#5
Phenol-d6
Concen: 0.441 ng
RT: 7.090 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 3459

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.7	22.1
71	33.7	27.0	40.6

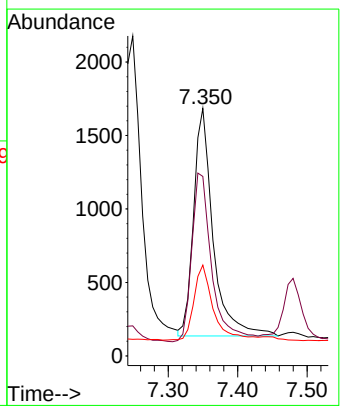


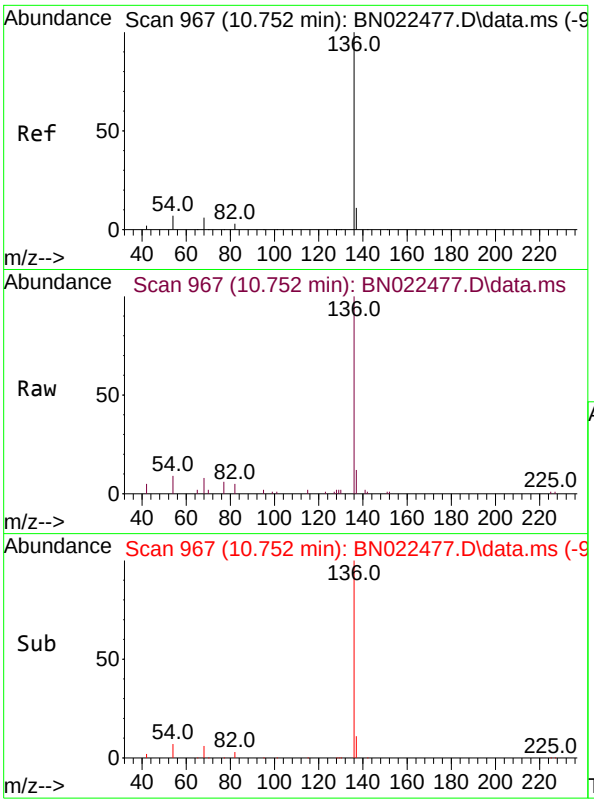


#6
bis(2-Chloroethyl)ether
Concen: 0.401 ng
RT: 7.350 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Tgt Ion: 93 Resp: 3022

Ion	Ratio	Lower	Upper
93	100		
63	76.5	61.2	91.8
95	32.1	25.7	38.5



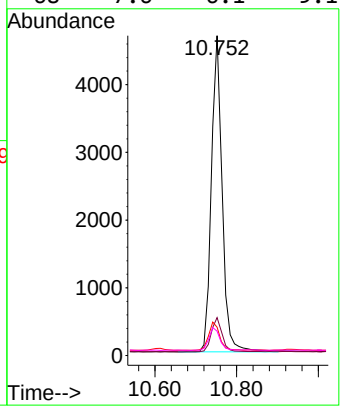


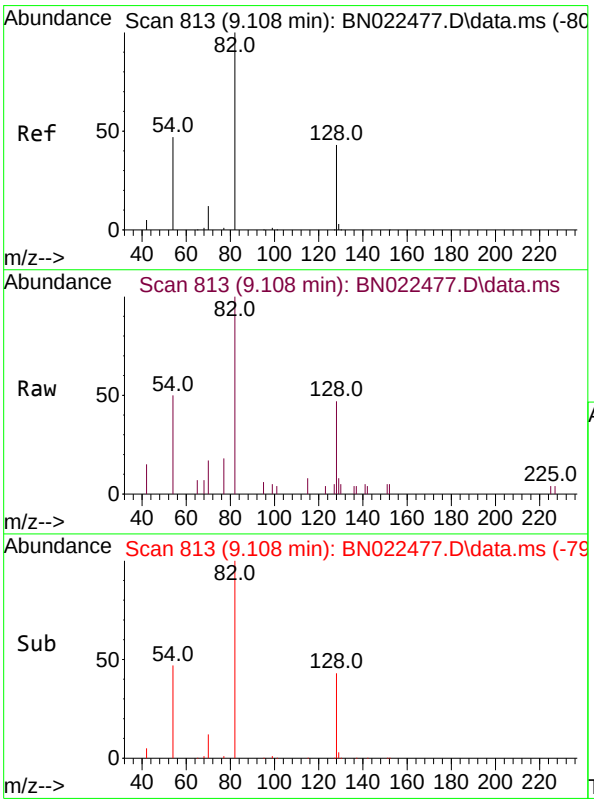
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.752 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 8557

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	8.9	7.1	10.7
68	7.6	6.1	9.1

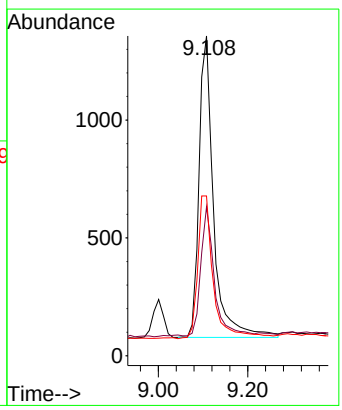


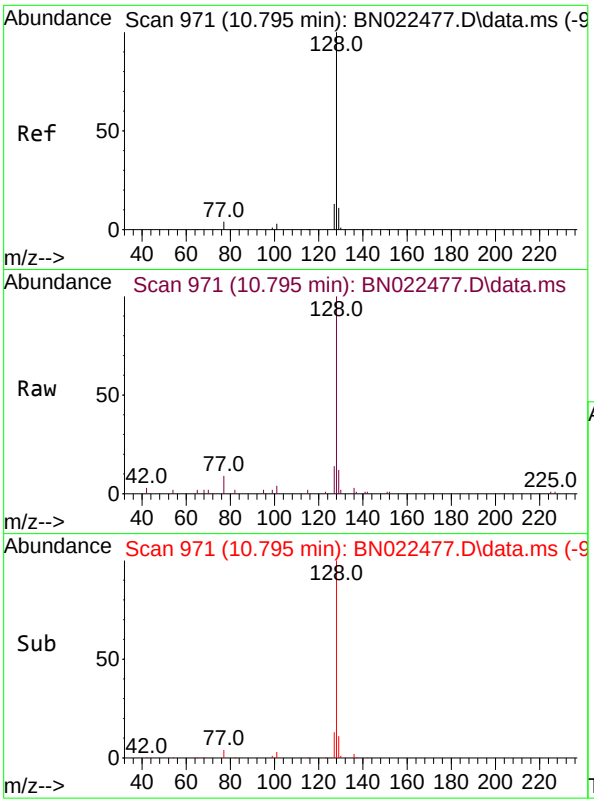


#8
Nitrobenzene-d5
Concen: 0.390 ng
RT: 9.108 min Scan# 813
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Tgt Ion: 82 Resp: 2883

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.3	55.9
54	50.0	40.0	60.0



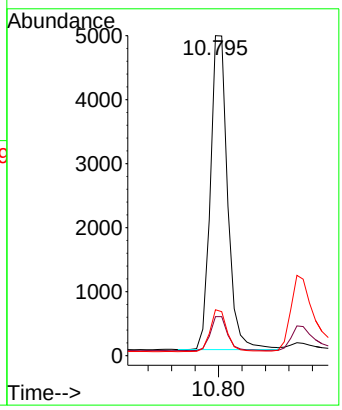


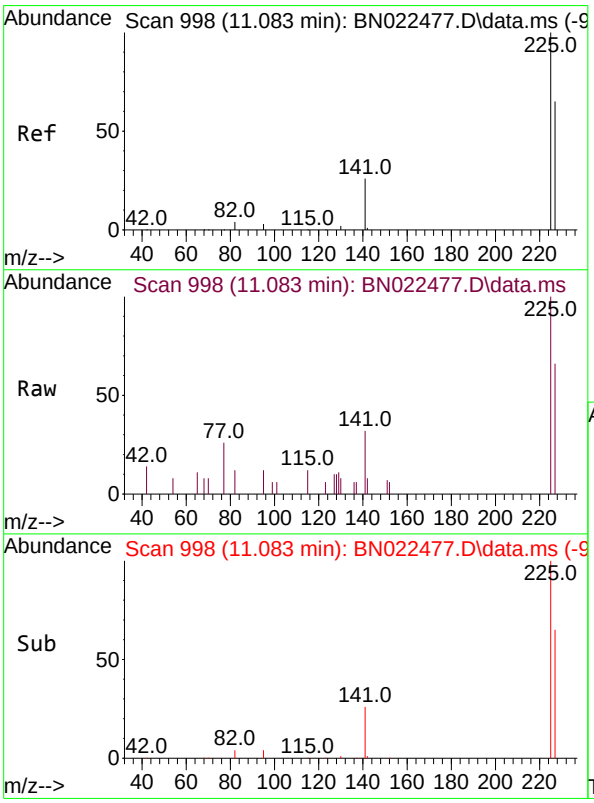
#9
Naphthalene
Concen: 0.392 ng
RT: 10.795 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 10039

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.8	14.6
127	14.3	11.4	17.2

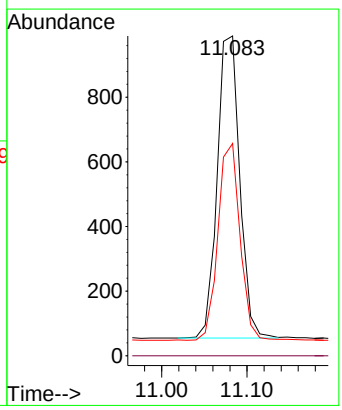


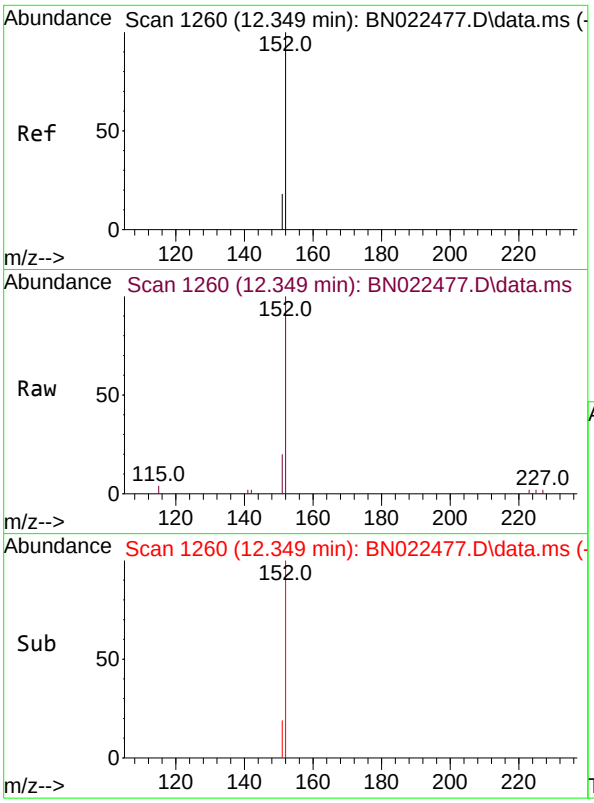


#10
Hexachlorobutadiene
Concen: 0.396 ng
RT: 11.083 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Tgt Ion:225 Resp: 1717

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.0	76.4



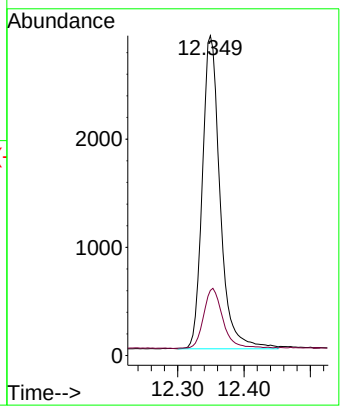


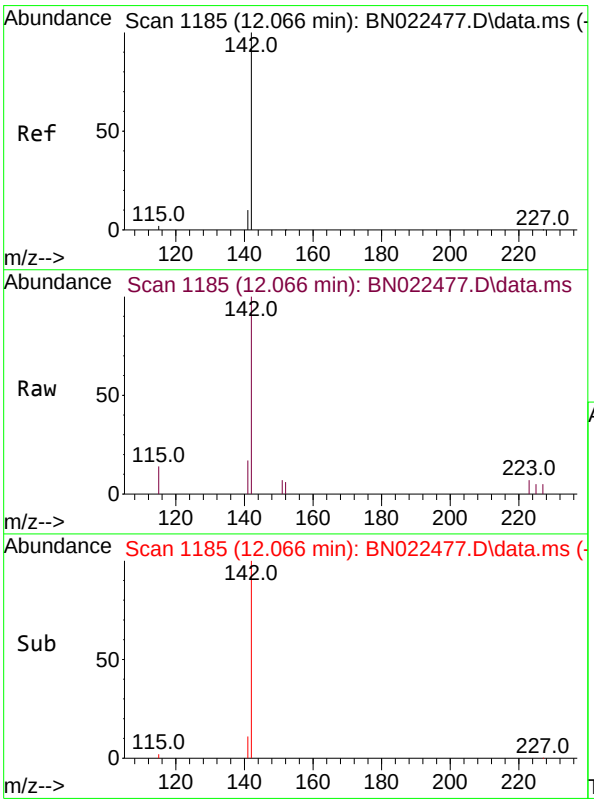
#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.349 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 5389

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.6	25.0

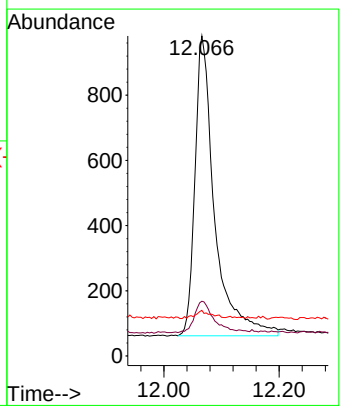


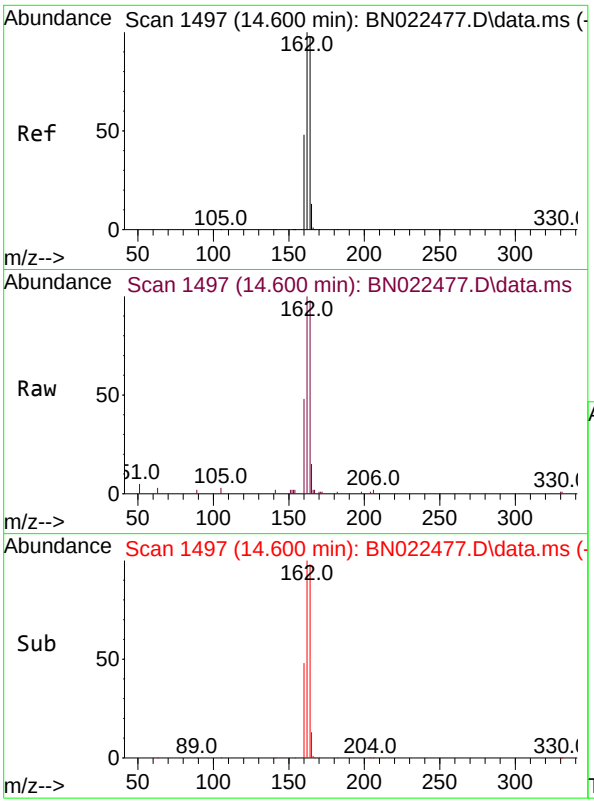


#12
2-Methylnaphthalene
Concen: 0.429 ng
RT: 12.066 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Tgt Ion:142 Resp: 2183

Ion	Ratio	Lower	Upper
142	100		
141	17.1	13.7	20.5
115	14.3	11.4	17.2



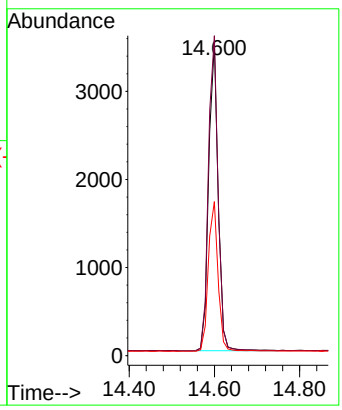


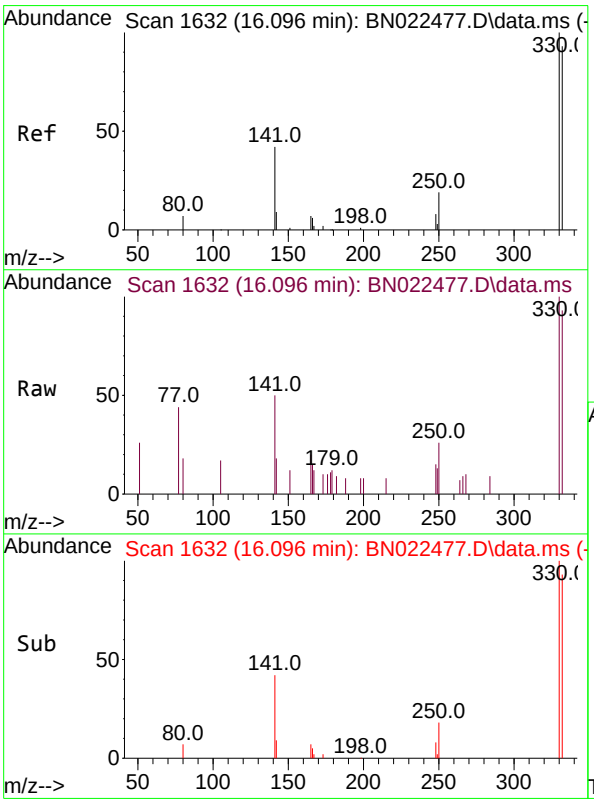
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.600 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 5378

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.0	123.0
160	49.3	39.4	59.2

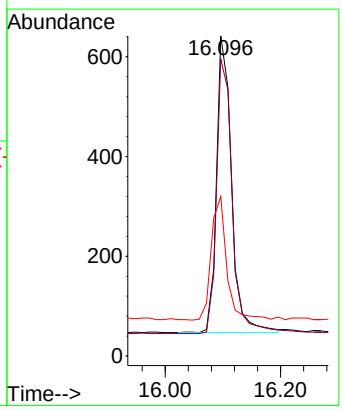


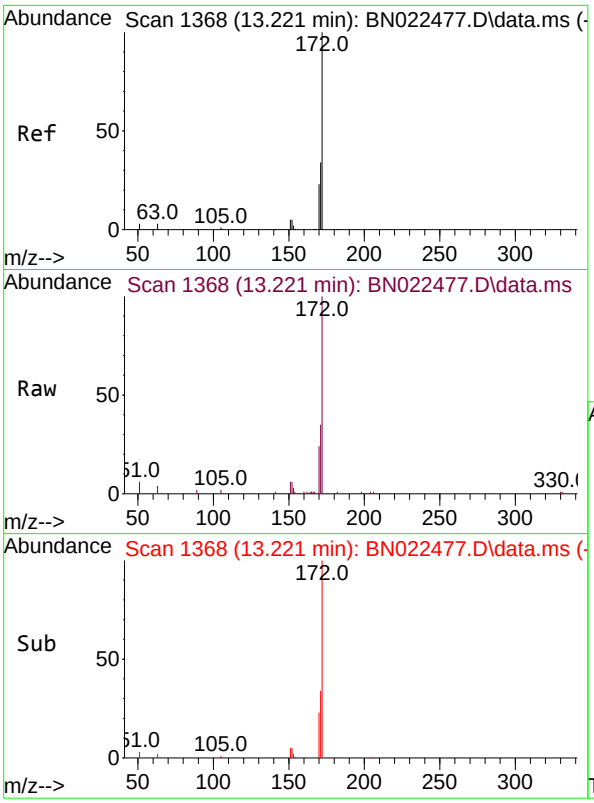


#14
2,4,6-Tribromophenol
Concen: 0.466 ng
RT: 16.096 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Tgt Ion:330 Resp: 1077

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.8	116.8
141	42.9	35.0	52.6



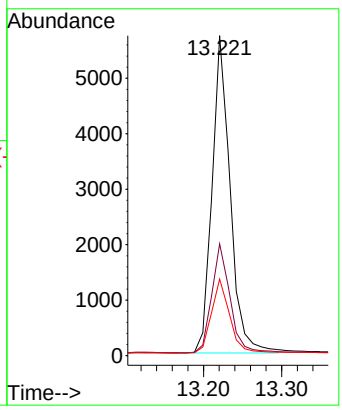


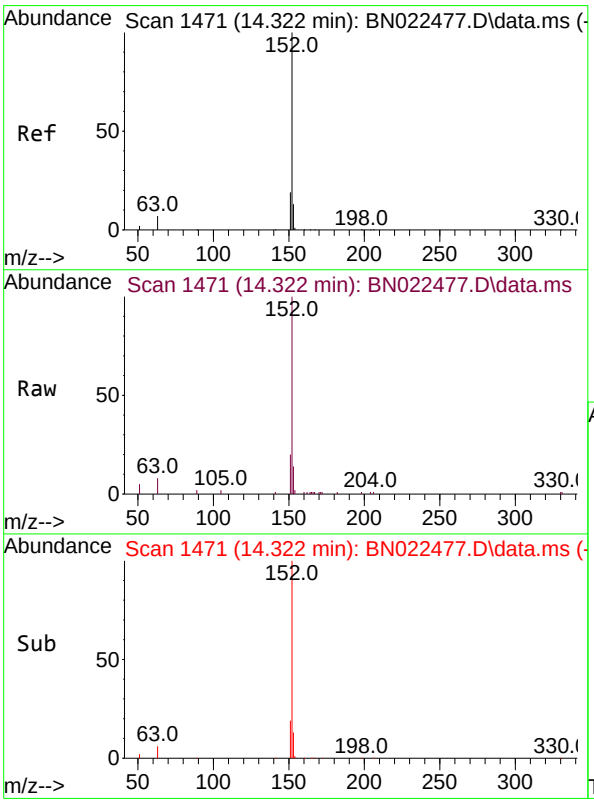
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 13.221 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 9208

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	24.0	19.2	28.8

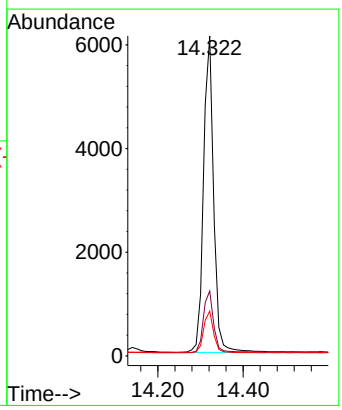


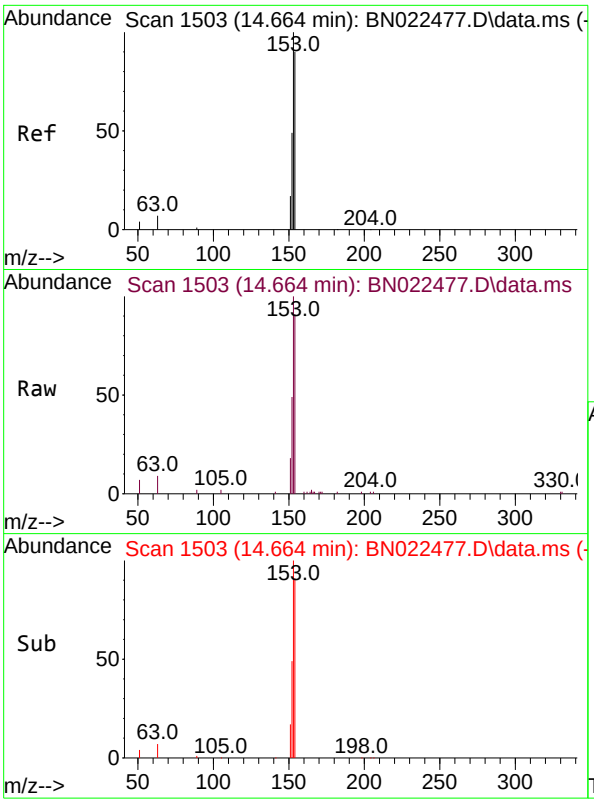


#16
Acenaphthylene
Concen: 0.387 ng
RT: 14.322 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Tgt Ion:152 Resp: 10094

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	12.9	10.3	15.5





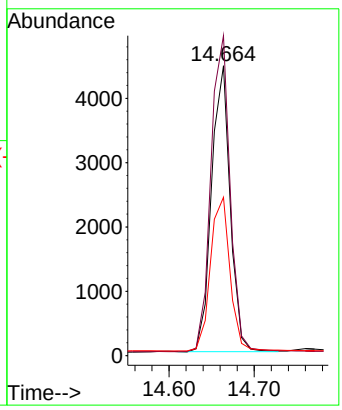
#17
Acenaphthene
Concen: 0.379 ng
RT: 14.664 min Scan# 1

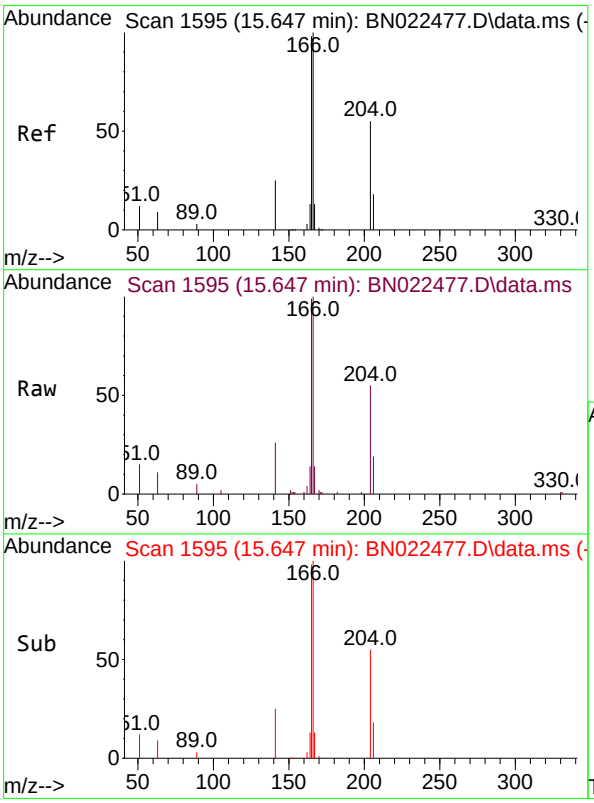
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Tgt Ion:154 Resp: 6736

Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.8	137.8
152	57.1	45.7	68.5

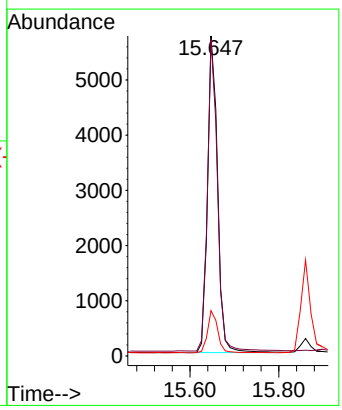


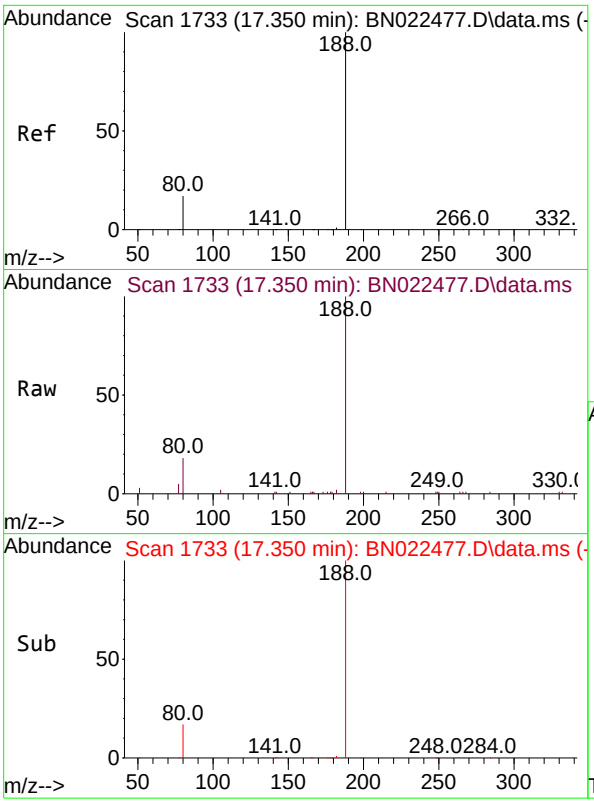


#18
Fluorene
Concen: 0.384 ng
RT: 15.647 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Tgt Ion:166 Resp: 9502

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.7	118.1
167	12.7	10.2	15.2



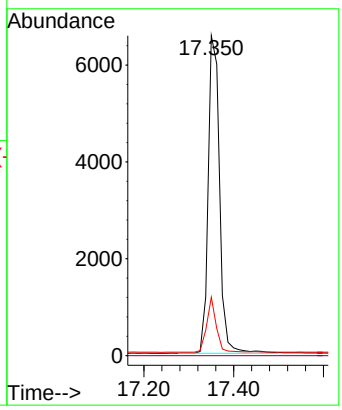


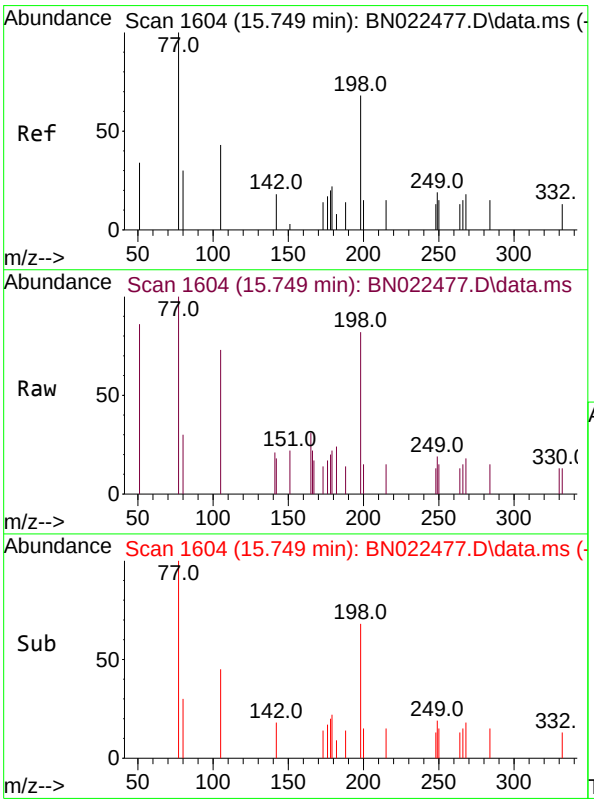
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.350 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 11606

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	18.2	14.6	21.8

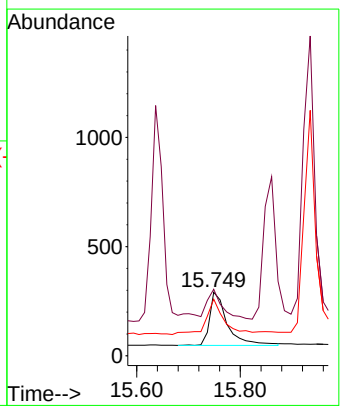


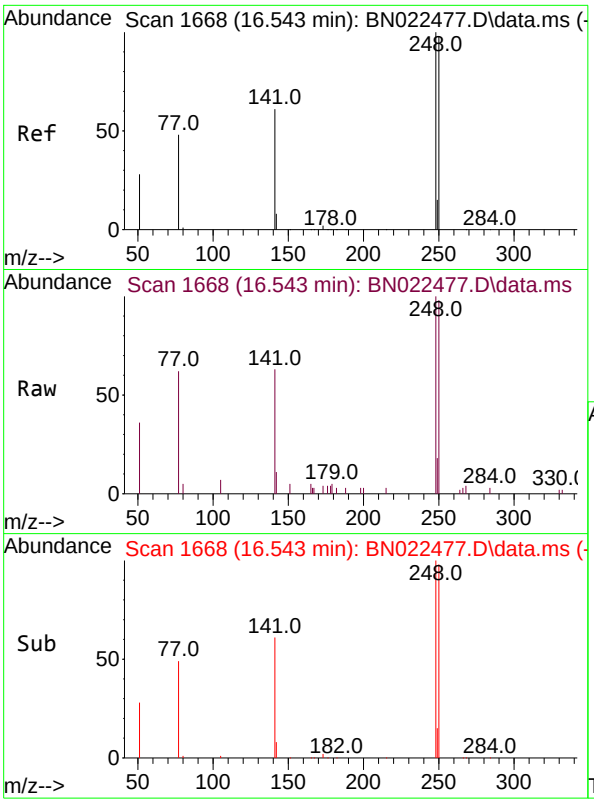


#20
4,6-Dinitro-2-methylphenol
Concen: 0.303 ng
RT: 15.749 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Tgt Ion:198 Resp: 563

Ion	Ratio	Lower	Upper
198	100		
51	104.8	83.8	125.8
105	89.3	71.4	107.2



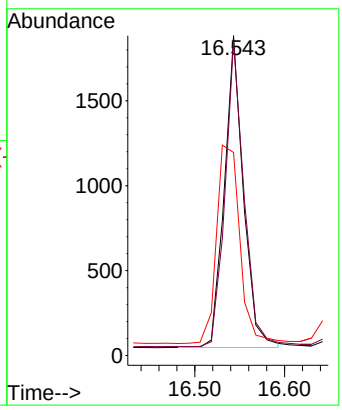


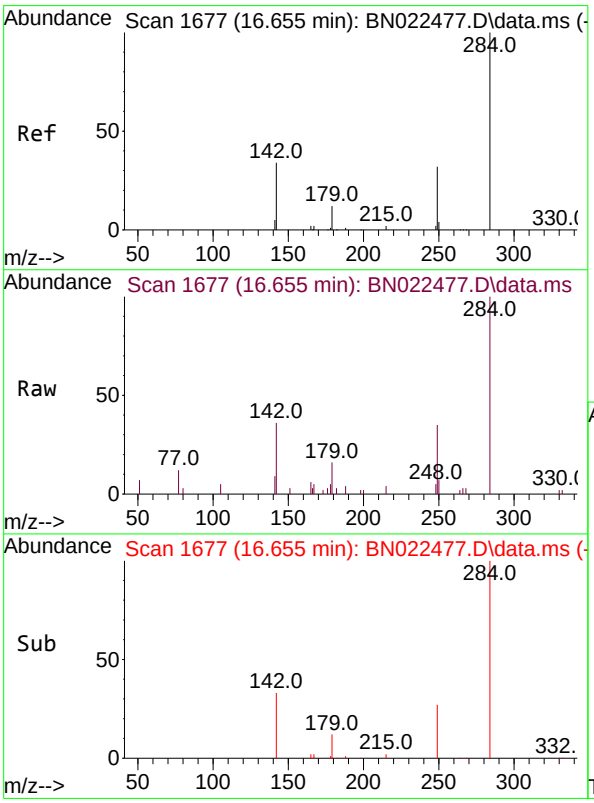
#21
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 16.543 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:248 Resp: 2702

Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.6	117.8
141	63.5	50.8	76.2

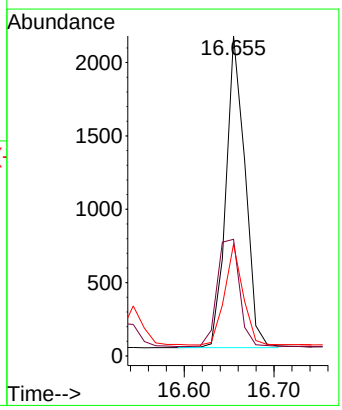


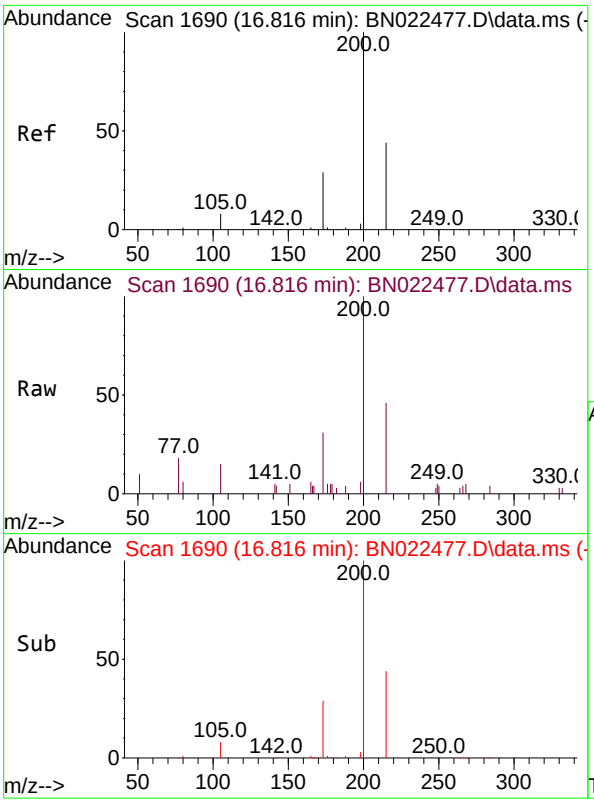


#22
Hexachlorobenzene
Concen: 0.392 ng
RT: 16.655 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Tgt Ion:284 Resp: 3147

Ion	Ratio	Lower	Upper
284	100		
142	40.5	32.4	48.6
249	31.0	24.8	37.2



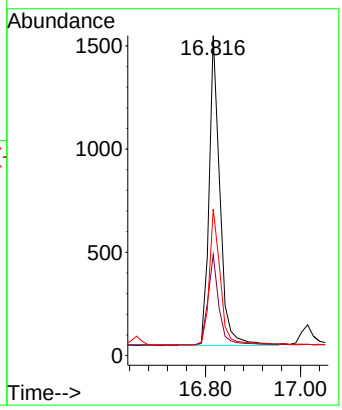


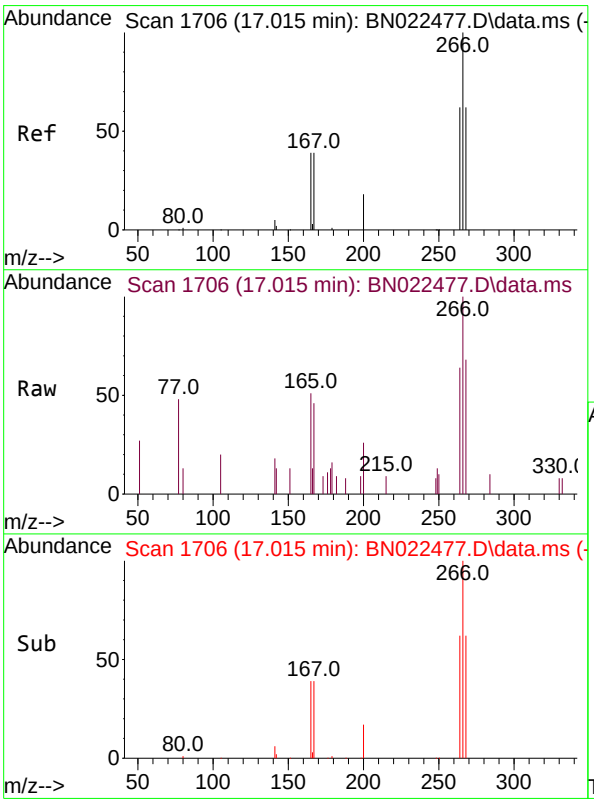
#23
Atrazine
Concen: 0.404 ng
RT: 16.816 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:200 Resp: 2363

Ion	Ratio	Lower	Upper
200	100		
173	31.5	25.2	37.8
215	45.8	36.6	55.0

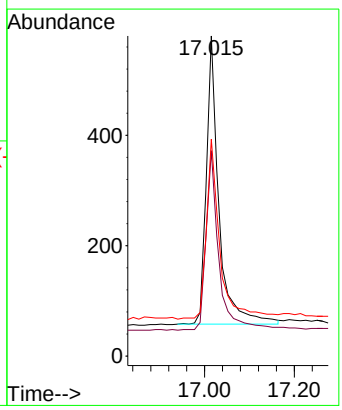


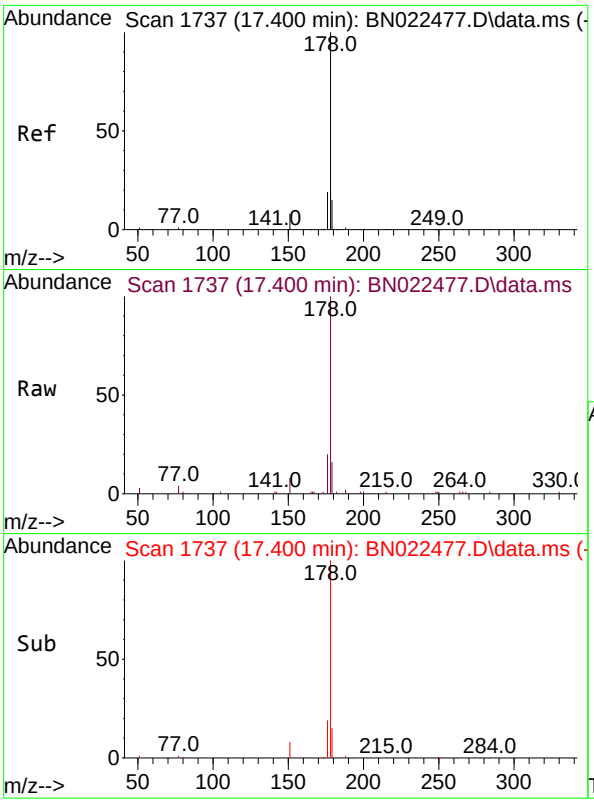


#24
Pentachlorophenol
Concen: 0.306 ng
RT: 17.015 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Tgt Ion:266 Resp: 1017

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.6	75.8
268	67.6	54.1	81.1



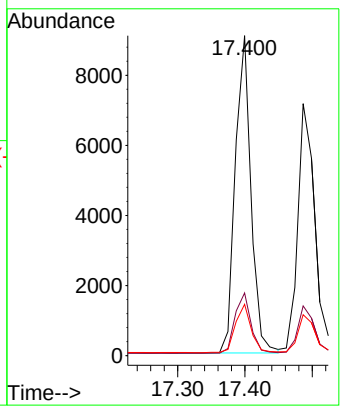


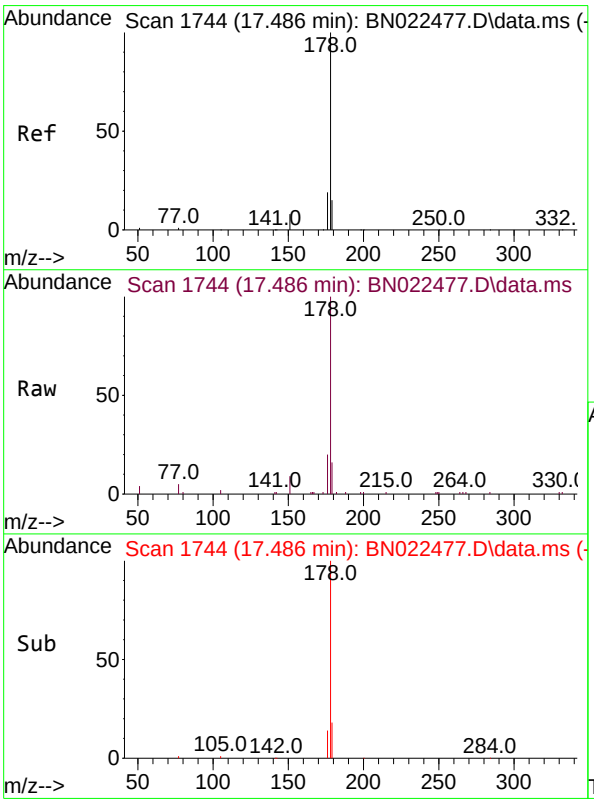
#25
Phenanthrene
Concen: 0.368 ng
RT: 17.400 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 14643

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.2	18.4

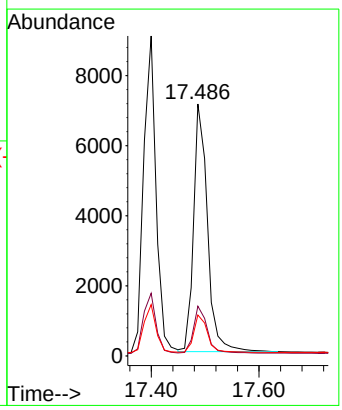


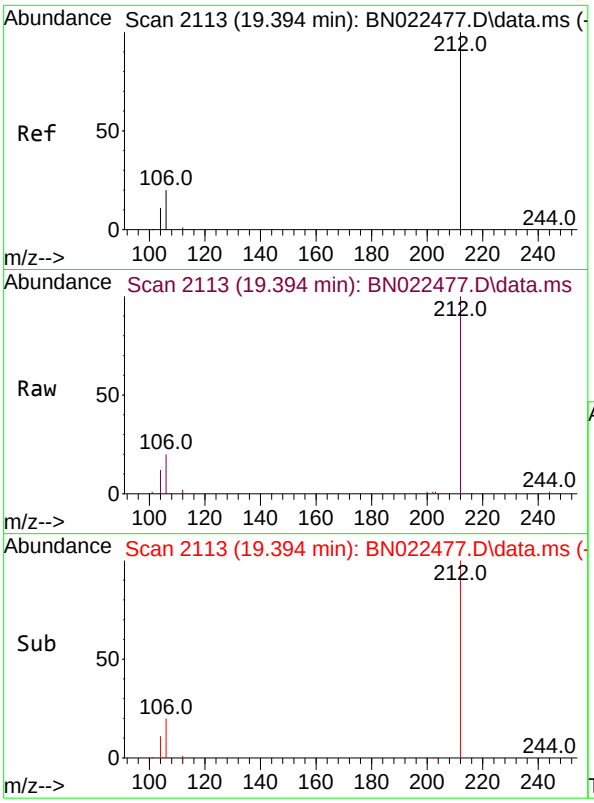


#26
Anthracene
Concen: 0.376 ng
RT: 17.486 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Tgt Ion:178 Resp: 12618

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.2	12.2	18.2



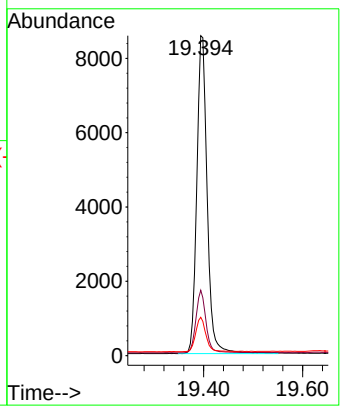


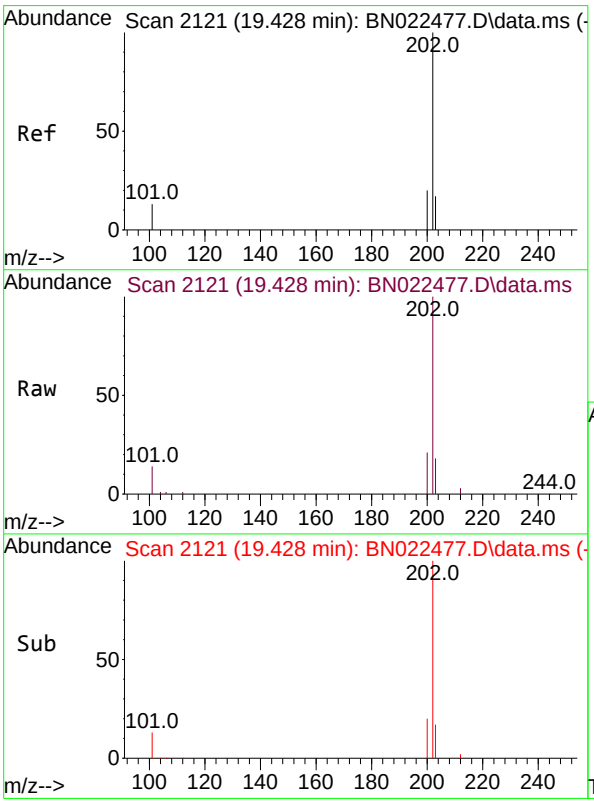
#27
Fluoranthene-d10
Concen: 0.386 ng
RT: 19.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 12367

Ion	Ratio	Lower	Upper
212	100		
106	19.0	15.2	22.8
104	10.7	8.6	12.8

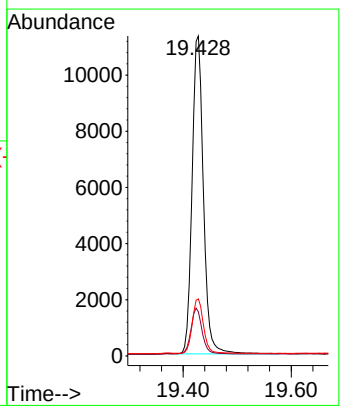


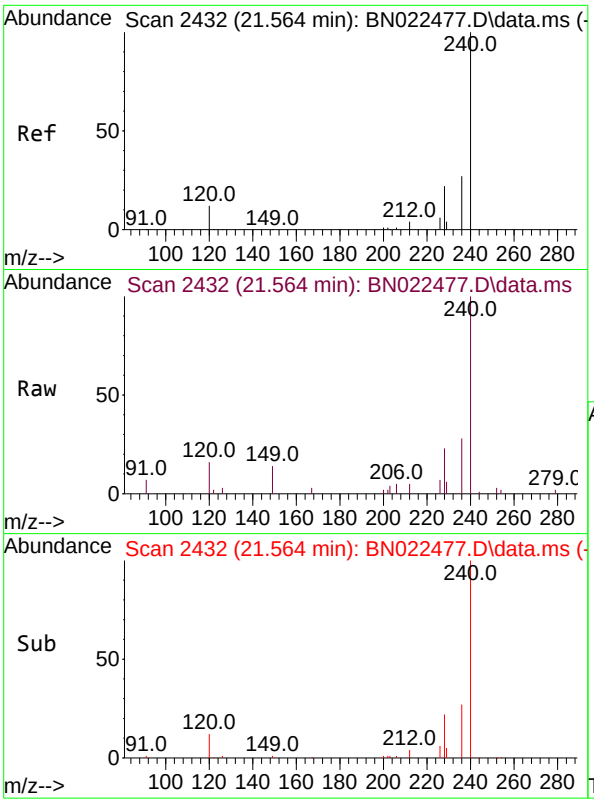


#28
Fluoranthene
Concen: 0.381 ng
RT: 19.428 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Tgt Ion:202 Resp: 16418

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.2	16.8
203	17.0	13.6	20.4



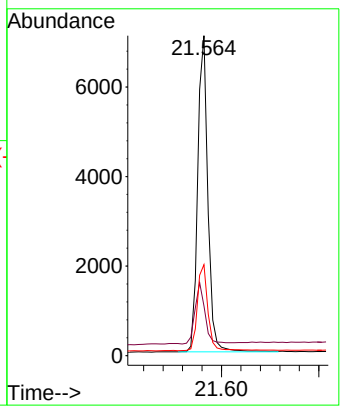


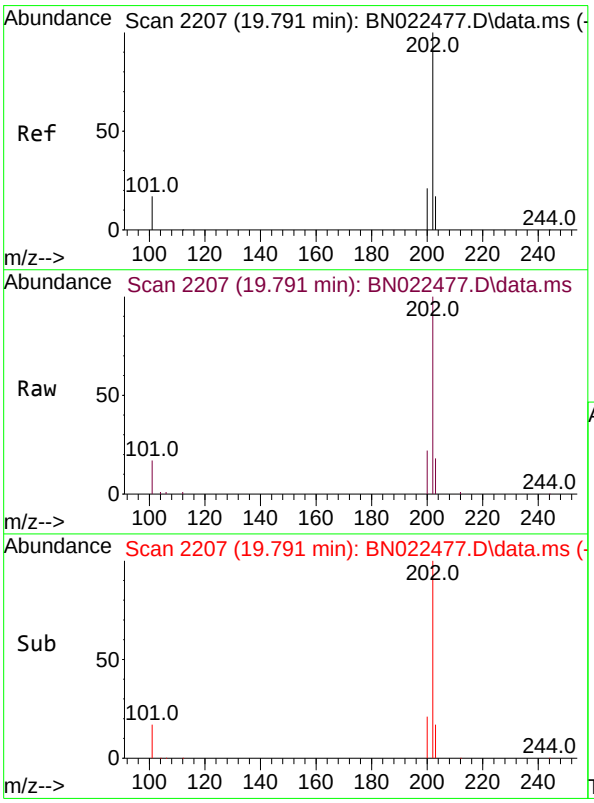
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.564 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 10261

Ion	Ratio	Lower	Upper
240	100		
120	15.5	12.4	18.6
236	28.4	22.7	34.1

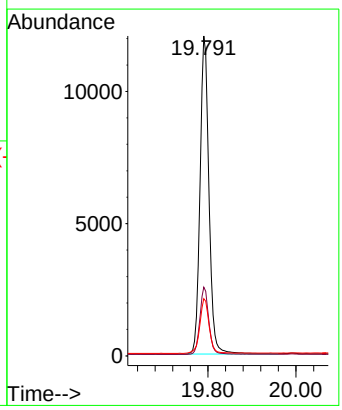


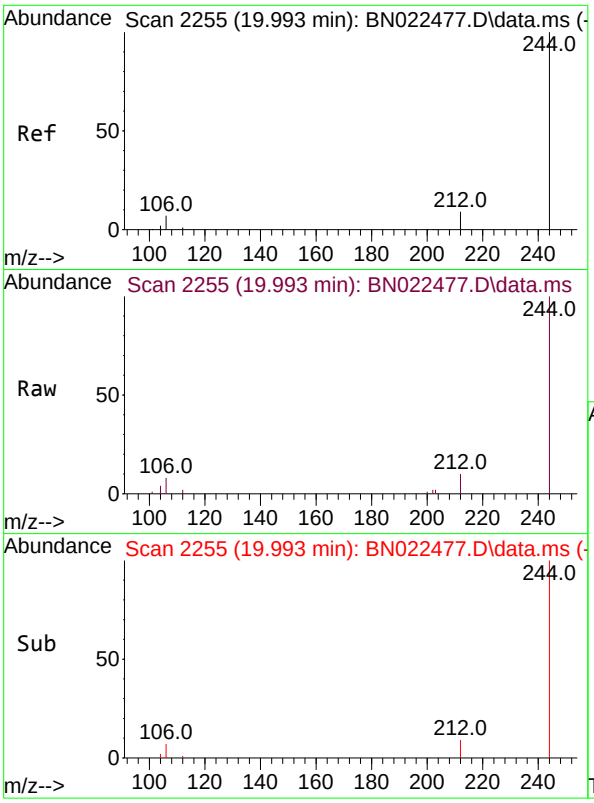


#30
Pyrene
Concen: 0.359 ng
RT: 19.791 min Scan# 2207
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Tgt Ion:202 Resp: 16944

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.9	14.3	21.5



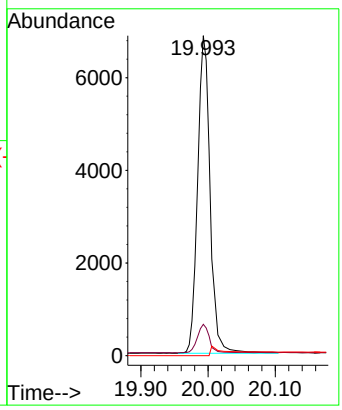


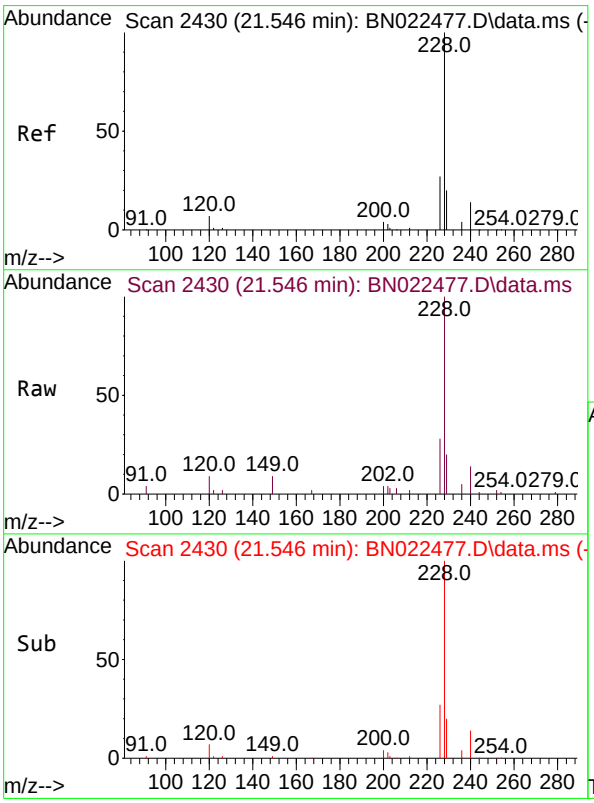
#31
Terphenyl-d14
Concen: 0.476 ng
RT: 19.993 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 12731

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.8	11.8
122	0.0	0.0	0.0

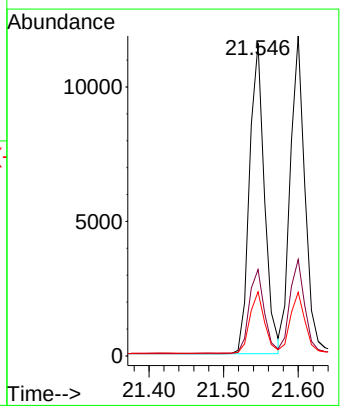


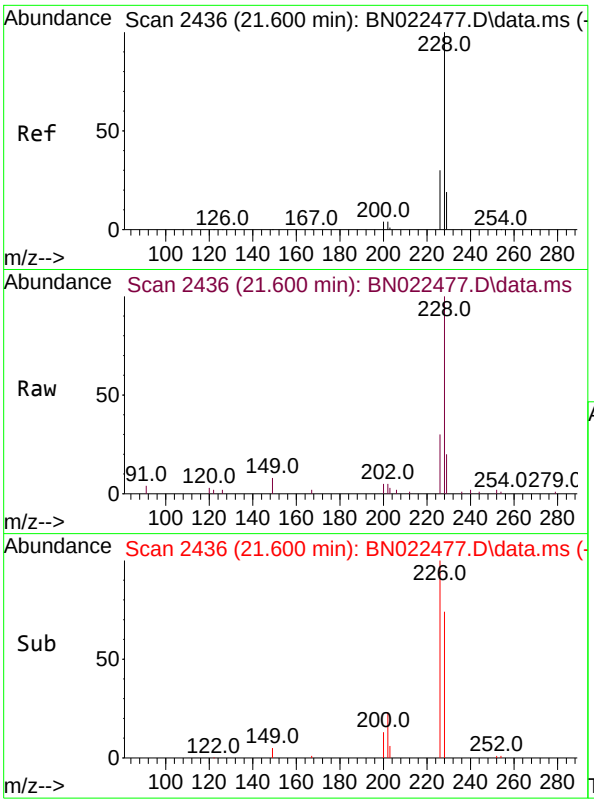


#32
Benzo(a)anthracene
Concen: 0.397 ng
RT: 21.546 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Tgt Ion:228 Resp: 16057

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	20.5	16.4	24.6



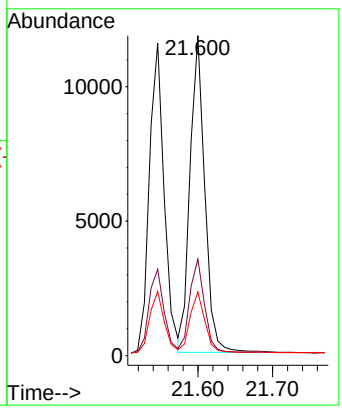


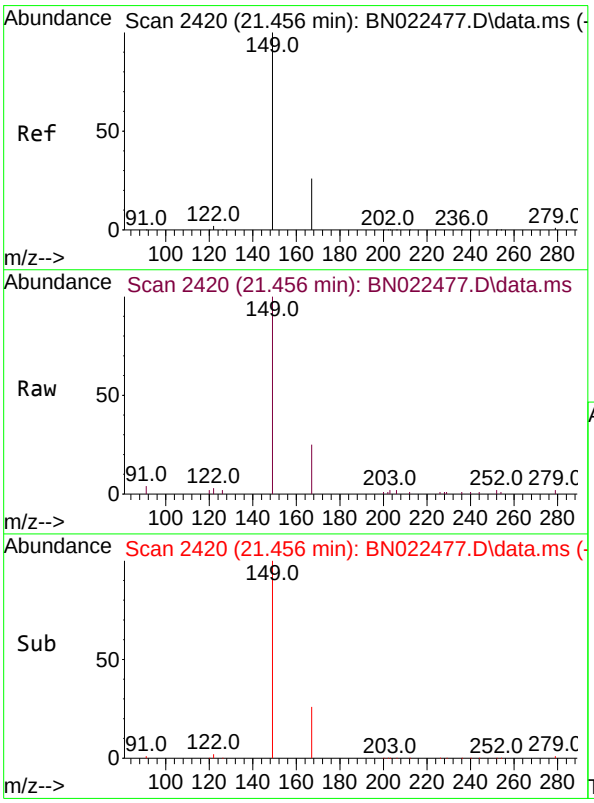
#33
Chrysene
Concen: 0.383 ng
RT: 21.600 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 16191

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.9	15.9	23.9

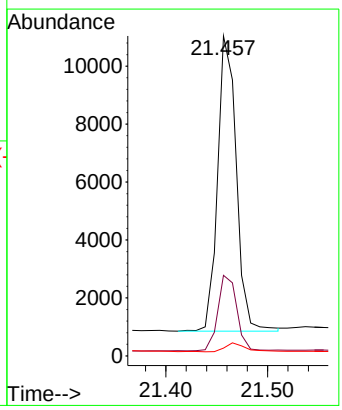


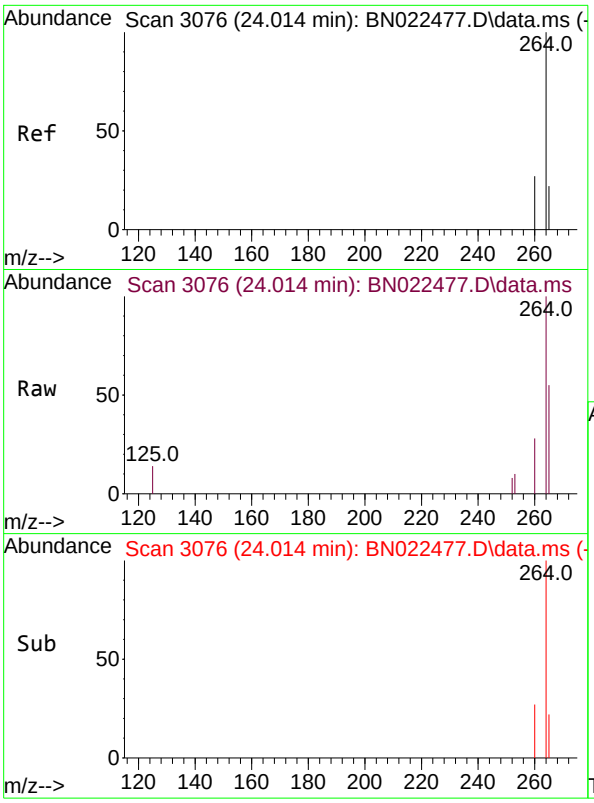


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.422 ng
RT: 21.456 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Tgt Ion:149 Resp: 13065

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	3.4	2.7	4.1



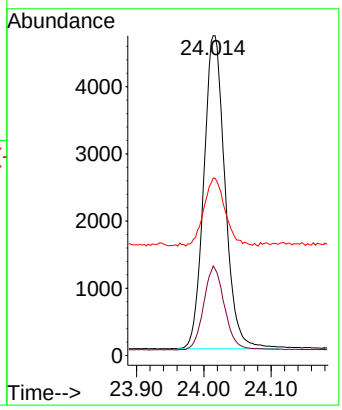


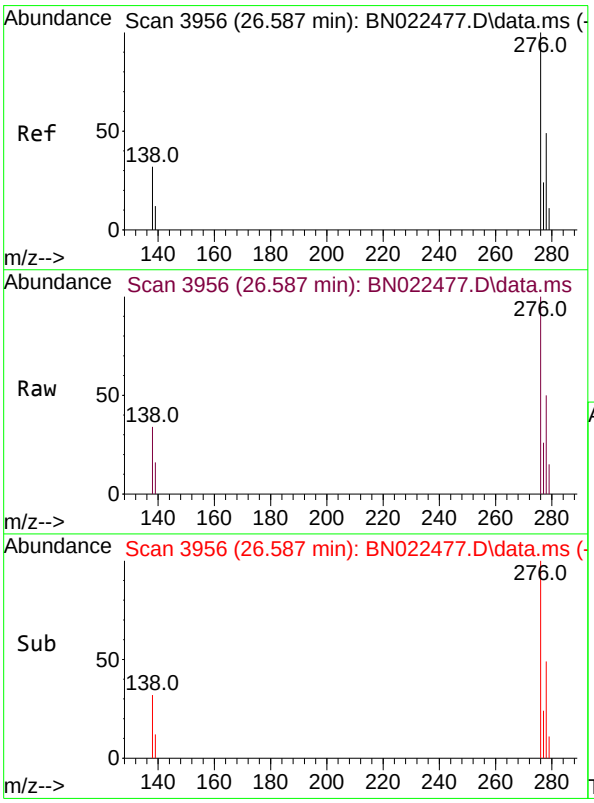
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.014 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:264 Resp: 10219

Ion	Ratio	Lower	Upper
264	100		
260	28.0	22.4	33.6
265	55.5	44.4	66.6

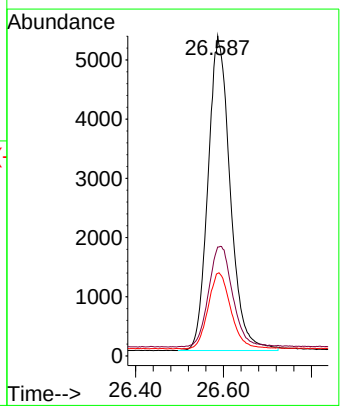


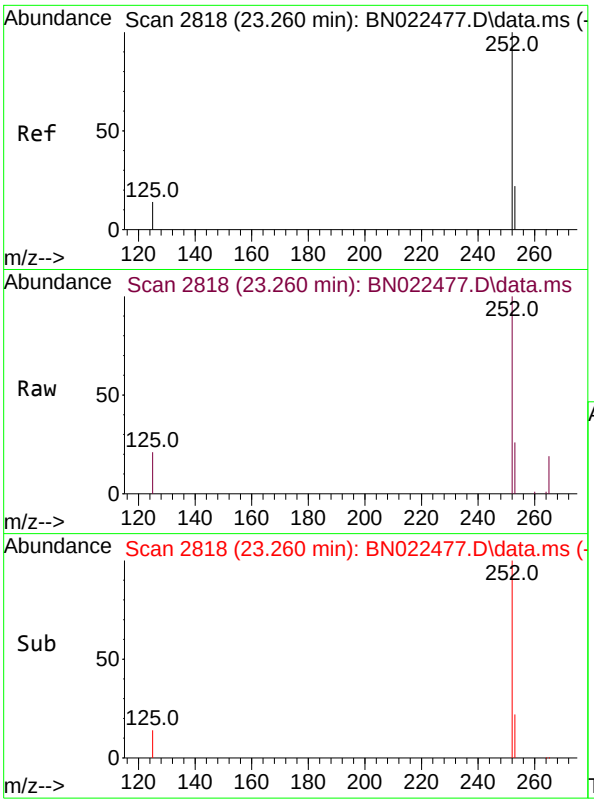


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.370 ng
RT: 26.587 min Scan# 3956
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Tgt Ion:276 Resp: 18663

Ion	Ratio	Lower	Upper
276	100		
138	34.4	27.5	41.3
277	24.7	19.8	29.6



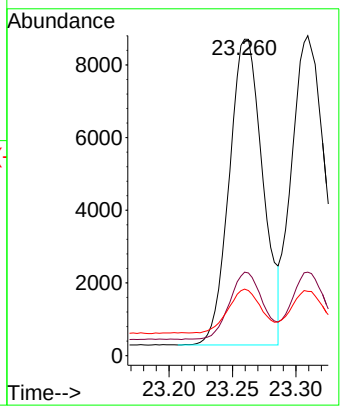


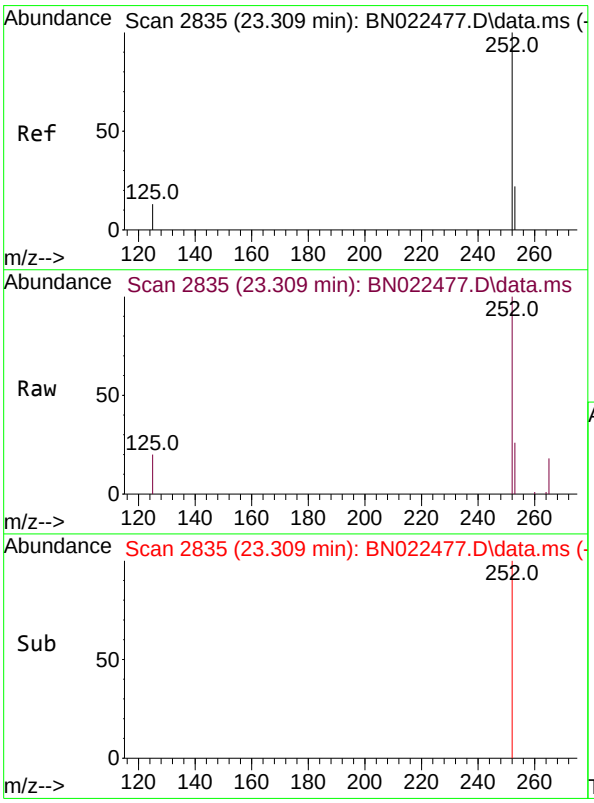
#37
Benzo(b)fluoranthene
Concen: 0.332 ng
RT: 23.260 min Scan# 28
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 15513

Ion	Ratio	Lower	Upper
252	100		
253	26.4	21.1	31.7
125	21.0	16.8	25.2

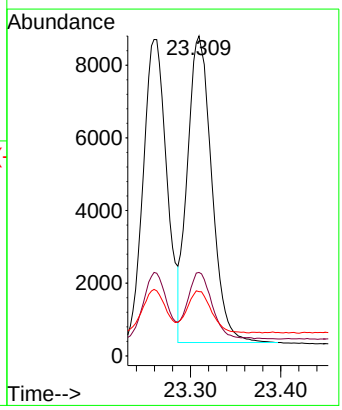


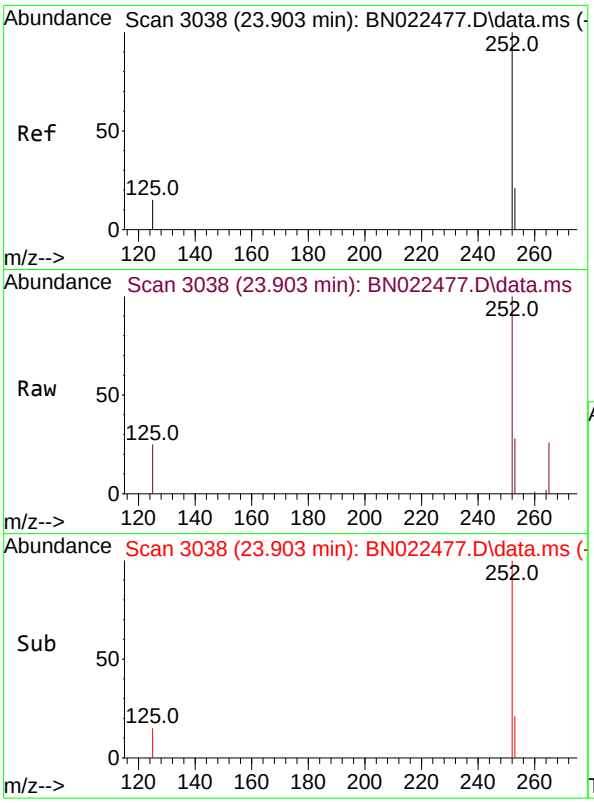


#38
Benzo(k)fluoranthene
Concen: 0.340 ng
RT: 23.309 min Scan# 2835
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Tgt Ion:252 Resp: 15809

Ion	Ratio	Lower	Upper
252	100		
253	26.1	20.9	31.3
125	20.1	16.1	24.1



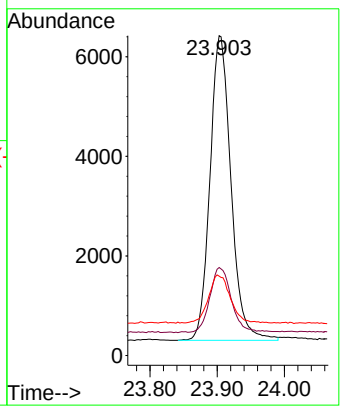


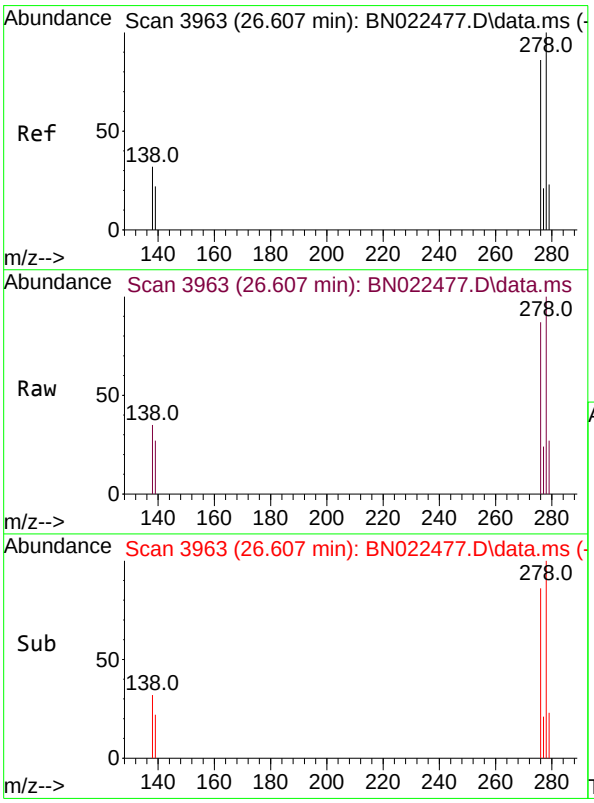
#39
Benzo(a)pyrene
Concen: 0.349 ng
RT: 23.903 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 13279

Ion	Ratio	Lower	Upper
252	100		
253	27.5	22.0	33.0
125	24.8	19.8	29.8

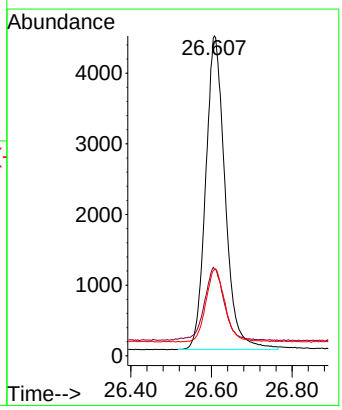


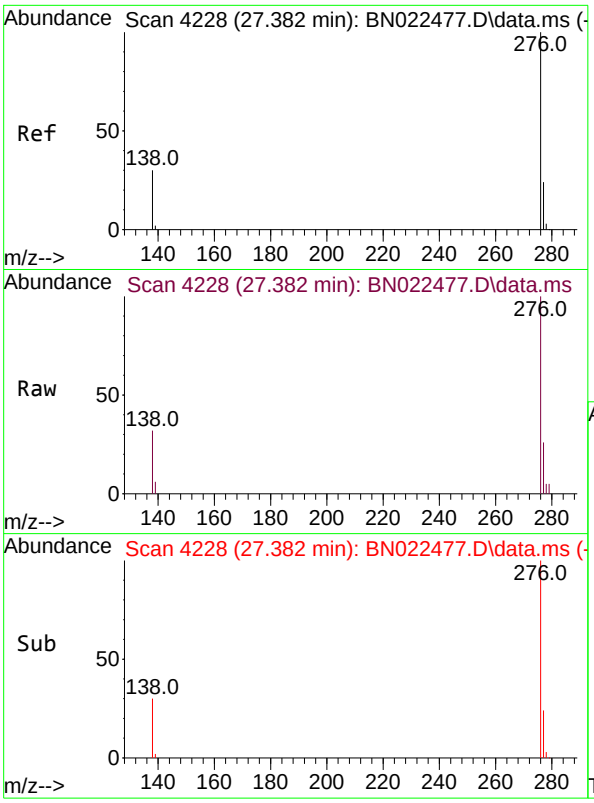


#40
Dibenzo(a,h)anthracene
Concen: 0.376 ng
RT: 26.607 min Scan# 3963
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Tgt Ion:278 Resp: 14803

Ion	Ratio	Lower	Upper
278	100		
139	27.2	21.8	32.6
279	26.9	21.5	32.3





#41
Benzo(g,h,i)perylene
Concen: 0.380 ng
RT: 27.382 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN022477.D
Acq: 03 Nov 2022 14:04

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 15818

Ion	Ratio	Lower	Upper
276	100		
277	26.2	21.0	31.4
138	32.5	26.0	39.0